

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU072518\
 Data File : VU025640.D
 Acq On : 25 Jul 2018 19:05
 Operator : MD/SY
 Sample : VSTDCCC010EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
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 7/26/2018 4:27:34 PM

Quant Time: Jul 26 05:08:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 25 12:16:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	36127	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	13468	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	14888	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	

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Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	123521	9.588	ua/l 100
3) Chloromethane	1.33	50	108125	8.877	ua/l 99
4) Vinyl Chloride	1.40	62	107701	9.554	ua/l 99
5) Bromomethane	1.63	94	48976	8.920	ua/l 99
6) Chloroethane	1.70	64	64465	9.530	ua/l 98
7) Trichlorofluoromethane	1.89	101	159505	9.703	ua/l 98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	88795	9.838	ua/l 98
9) 1,1-Dichloroethene	2.28	96	75380	9.464	ua/l 96
10) Iodomethane	2.41	142	64162	8.418	ua/l 96
11) Allyl Chloride	2.59	41	127155	9.550	ua/l 86
12) Acrylonitrile	2.94	53	32800	18.680	ua/l 97
13) Acetone	2.33	43	71090	46.554	ua/l 96
14) Carbon Disulfide	2.48	76	255363	9.374	ua/l 100
15) Methylene Chloride	2.70	84	83760	8.821	ua/l 96
16) trans-1,2-Dichloroethene	2.98	96	86017	9.632	ua/l 94
17) 1,1-Dichloroethane	3.45	63	170448	9.623	ua/l 99
18) 2-Butanone	4.28	43	126971	47.915	ua/l 100
19) Cyclohexane	5.00	56	138799	10.163	ua/l 89
20) Methylcyclohexane	6.42	83	166805	9.956	ua/l 94
21) 2,2-Dichloropropane	4.23	77	160889	9.527	ua/l 99
22) cis-1,2-Dichloroethene	4.23	96	109119	9.705	ua/l 94
23) Diethyl Ether	2.10	59	59114	9.799	ua/l 96
24) tert-Butyl Alcohol	2.85	59	67011	94.565	ua/l # 80
25) Methyl tert-Butyl Ether	3.01	73	206375	9.581	ua/l 98
26) Bromochloromethane	4.55	128	46809	9.454	ua/l 84
27) Chloroform	4.68	83	188232	9.670	ua/l 100
28) 1,1,1-Trichloroethane	4.91	97	171599	9.775	ua/l 98
29) 1,1-Dichloropropene	5.14	75	141659	9.839	ua/l 97
30) Carbon Tetrachloride	5.13	117	157206	9.861	ua/l 99
31) Isopropyl Ether	3.58	45	276114	9.730	ua/l 94
32) Ethyl-t-butyl ether	4.09	59	263807	9.783	ua/l 95
33) Tert-Amyl methyl ether	5.59	73	234958	9.868	ua/l 97
34) Propionitrile	4.35	54	37137	50.439	ua/l # 93
35) Benzene	5.39	78	396074	9.840	ua/l 100
36) 1,2-Dichloroethane	5.41	62	123510	9.996	ua/l 98
37) Trichloroethene	6.19	130	113126	9.541	ua/l 99
38) 1,2-Dichloropropane	6.44	63	102620	9.826	ua/l 99
39) Methacrylonitrile	4.56	41	33179	9.789	ua/l 93
40) Methyl acrylate	4.44	55	51055	9.987	ua/l # 95
41) Tetrahydrofuran	4.66	42	32008	15.982	ua/l 89
42) 1-Chlorobutane	5.07	56	195319	9.952	ua/l 99

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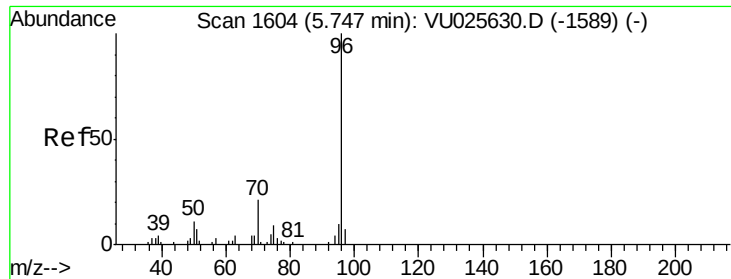
Manual Integrations
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Quant Time: Jul 26 05:08:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	54172	9.937	ug/l	99
44) Bromodichloromethane	6.76	83	138250	10.007	ug/l	98
45) 4-Methyl-2-Pentanone	7.47	43	306801	50.459	ug/l	98
46) t-1,4-Dichloro-2-butene	10.52	75	42198m	16.592	ug/l	
47) Methyl methacrylate	6.63	69	93196	20.441	ug/l	94
48) Ethyl methacrylate	8.02	69	92064	10.052	ug/l	99
49) Toluene	7.64	92	250523	10.185	ug/l	100 apatel
50) t-1,3-Dichloropropene	7.89	75	124997	10.023	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	148084	9.912	ug/l	97
52) 1,1,2-Trichloroethane	8.07	97	73909	10.112	ug/l	93
53) 1,3-Dichloropropane	8.25	76	125641	10.182	ug/l	100
54) 2-Hexanone	8.37	43	218998	51.002	ug/l	99 7/26/2018 4:27:34 PM
55) Dibromochloromethane	8.48	129	93474	10.058	ug/l	98
56) 1,2-Dibromoethane	8.59	107	69967	9.892	ug/l	100
58) Tetrachloroethene	8.23	164	108455	10.177	ug/l	96
59) Chlorobenzene	9.12	112	279345	9.876	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	105823	10.076	ug/l	99
61) Pentachloroethane	11.10	117	81835	10.209	ug/l	99
62) Hexachloroethane	12.15	117	83402	10.189	ug/l	97
63) Ethyl Benzene	9.25	91	483168	10.268	ug/l	99
64) m/p-Xylenes	9.38	106	386888	20.921	ug/l	96
65) o-Xylene	9.78	106	182681	10.366	ug/l	98
66) Styrene	9.80	104	307560	10.276	ug/l	99
67) Bromoform	9.96	173	53511	9.760	ug/l	99
69) Isopropylbenzene	10.17	105	495159	10.398	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	90724	9.879	ug/l	98
71) 1,2,3-Trichloropropane	10.50	75	57263	8.000	ug/l #	91
72) Bromobenzene	10.45	156	124126	10.040	ug/l	95
73) n-propylbenzene	10.59	120	143231	10.674	ug/l	93
74) 2-Chlorotoluene	10.66	126	120490	10.200	ug/l	90
75) 1,3,5-Trimethylbenzene	10.78	105	434609	10.452	ug/l	98
76) 4-Chlorotoluene	10.78	126	126643	10.199	ug/l	97
77) tert-Butylbenzene	11.10	119	423058	10.321	ug/l	99
78) 1,2,4-Trimethylbenzene	11.15	105	451592	10.640	ug/l	100
79) sec-Butylbenzene	11.33	105	567626	10.535	ug/l	97
80) Nitrobenzene	12.87	77	14130	50.546	ug/l	98
81) p-Isopropyltoluene	11.48	119	493191	10.795	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	256114	10.071	ug/l	99
83) 1,4-Dichlorobenzene	11.51	146	256304	10.335	ug/l	99
84) n-Butylbenzene	11.89	91	463671	10.817	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	237464	10.226	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	16162	10.666	ug/l	95
87) 1,2,4-Trichlorobenzene	13.51	180	177334	10.967	ug/l	98
88) Hexachlorobutadiene	13.70	225	101941	10.261	ug/l	98
89) Naphthalene	13.74	128	288138	10.979	ug/l	100
90) 1,2,3-Trichlorobenzene	13.99	180	159528	10.797	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

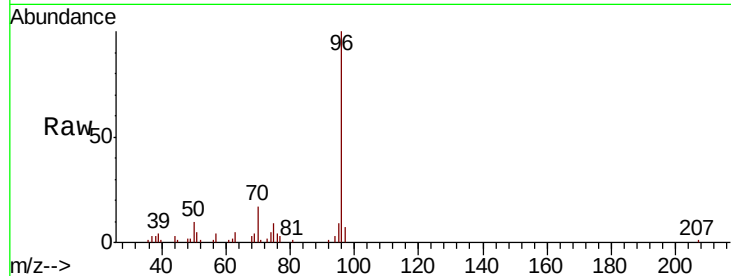
VSTDCCC010EC

Tot Ion:	96	Resp:	36127
Ion	Ratio	Lower	Upper
96	100		
70	17.9	16.2	24.4
95	8.8	6.9	10.3
97	0.0	0.0	0.0

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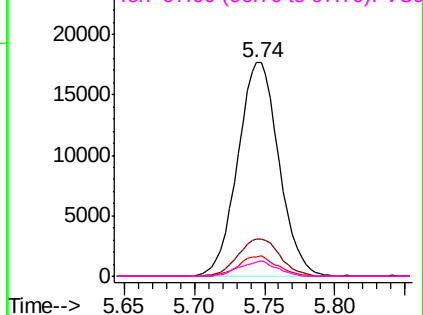


Abundance Ion 96.00 (95.70 to 96.70): VU025630.D (-1589) (-)

Ion 70.00 (69.70 to 70.70): VU025630.D (-1589) (-)

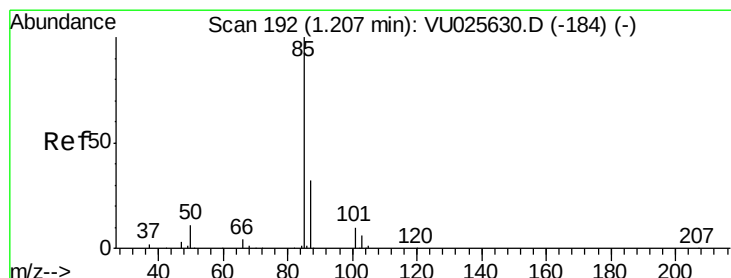
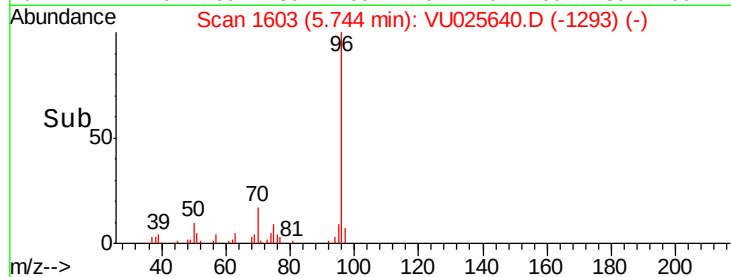
Ion 95.00 (94.70 to 95.70): VU025630.D (-1589) (-)

Ion 97.00 (96.70 to 97.70): VU025630.D (-1589) (-)



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#2

Dichlorodifluoromethane

Concen: 9.588 ug/l

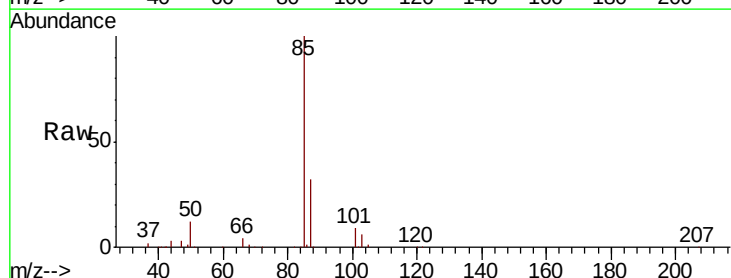
RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025640.D

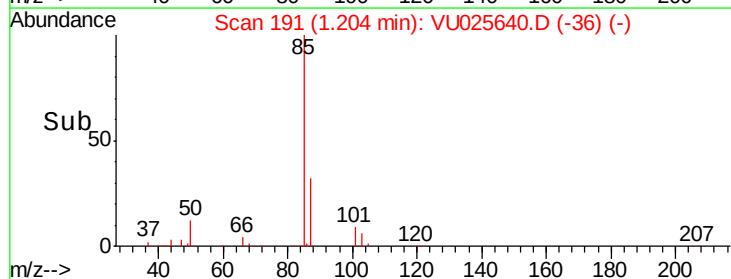
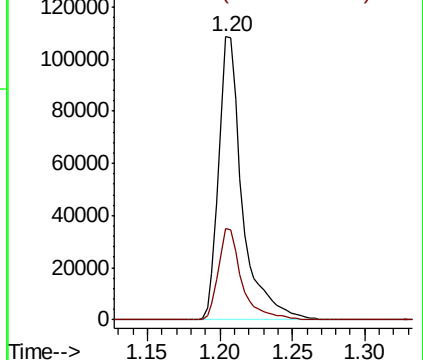
Acq: 25 Jul 2018 19:05

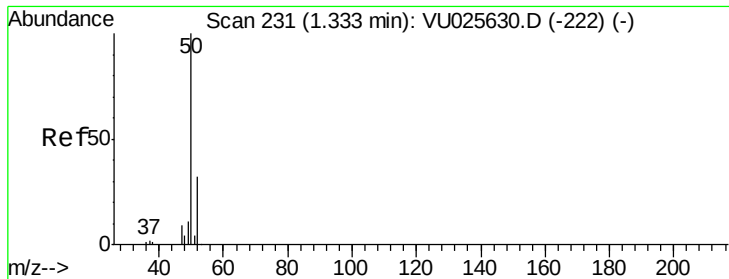
Tgt Ion:	85	Resp:	123521
Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.2	48.5



Abundance Ion 85.00 (84.70 to 85.70): VU025630.D (-184) (-)

Ion 87.00 (86.70 to 87.70): VU025630.D (-184) (-)





#3

Chloromethane

Concen: 8.877 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 50 Resp: 108125

Ion Ratio Lower Upper

50 100

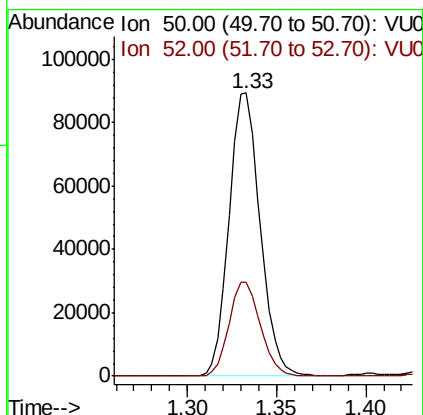
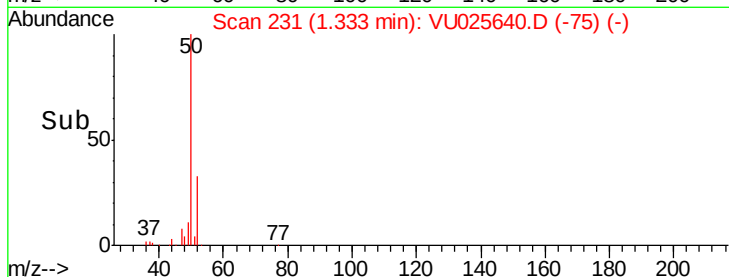
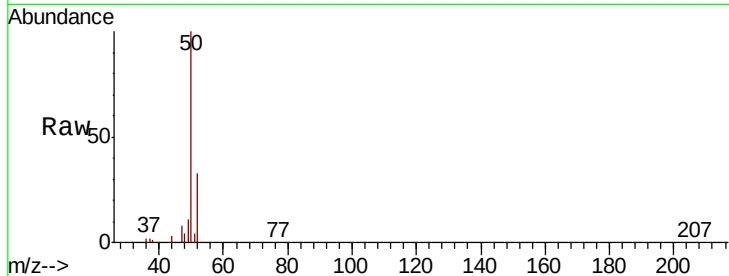
52 33.3 26.0 39.0

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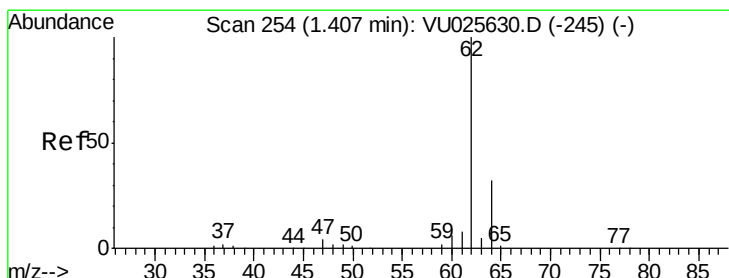
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#4

Vinyl Chloride

Concen: 9.554 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025640.D

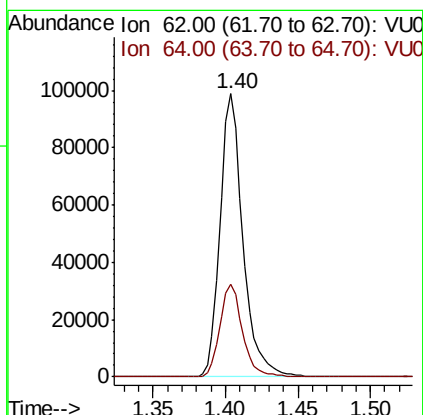
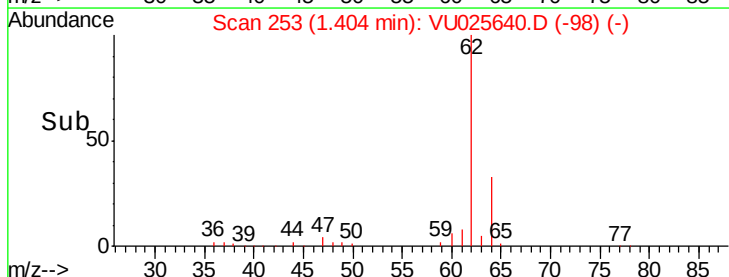
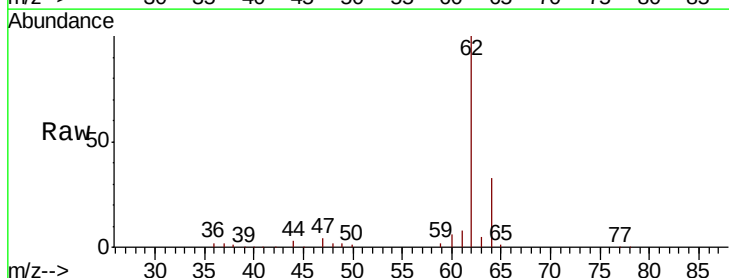
Acq: 25 Jul 2018 19:05

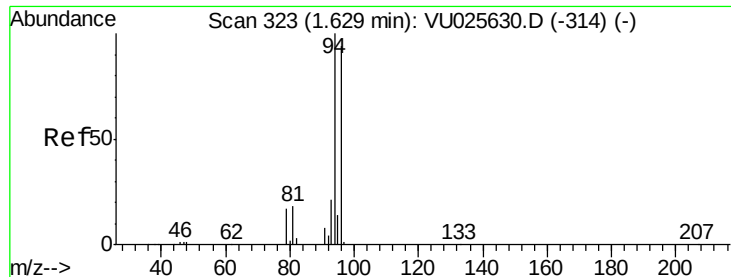
Tgt Ion: 62 Resp: 107701

Ion Ratio Lower Upper

62 100

64 32.8 25.8 38.8





#5

Bromomethane

Concen: 8.920 ug/l

RT: 1.63 min Scan# 323

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 94 Resp: 48976

Ion Ratio Lower Upper

94 100

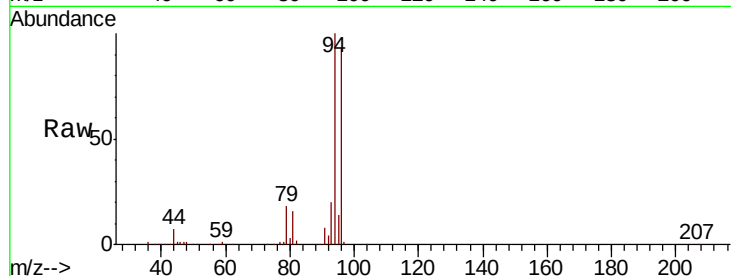
96 93.3 75.1 112.7

Manual Integrations

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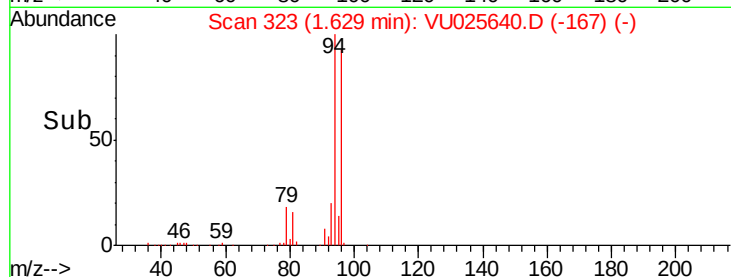


Abundance Ion 94.00 (93.70 to 94.70): VU025630.D (-314) (-)

Ion 96.00 (95.70 to 96.70): VU025630.D (-314) (-)

1.63

Time-->



Abundance Ion 94.00 (93.70 to 94.70): VU025640.D (-167) (-)

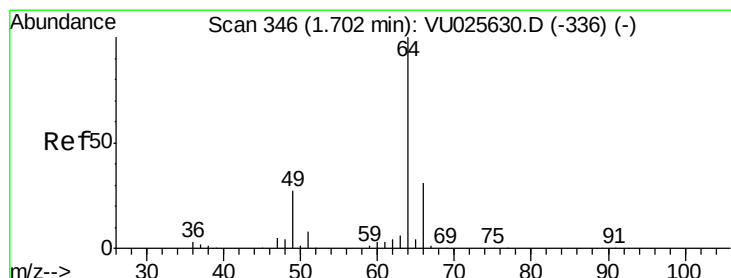
Ion 96.00 (95.70 to 96.70): VU025640.D (-167) (-)

1.63

Time-->

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#6

Chloroethane

Concen: 9.530 ug/l

RT: 1.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU025640.D

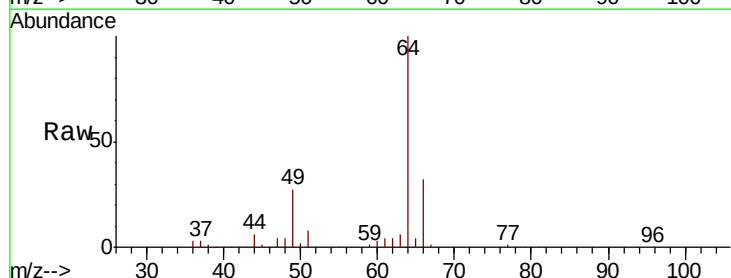
Acq: 25 Jul 2018 19:05

Tgt Ion: 64 Resp: 64465

Ion Ratio Lower Upper

64 100

66 32.2 24.9 37.3

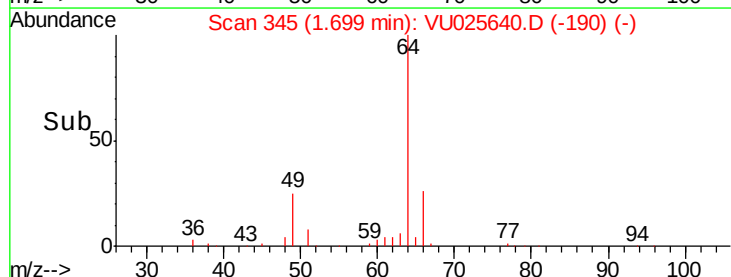


Abundance Ion 64.00 (63.70 to 64.70): VU025630.D (-336) (-)

Ion 66.00 (65.70 to 66.70): VU025630.D (-336) (-)

1.70

Time-->

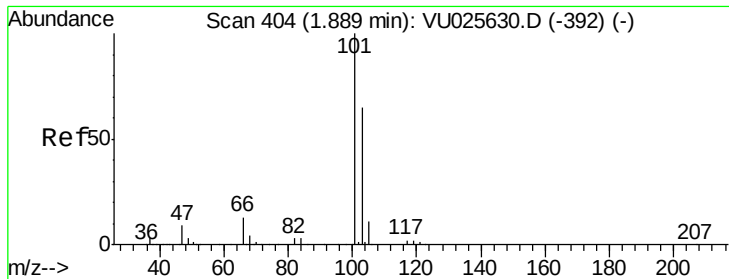


Abundance Ion 64.00 (63.70 to 64.70): VU025640.D (-190) (-)

Ion 66.00 (65.70 to 66.70): VU025640.D (-190) (-)

1.70

Time-->



#7

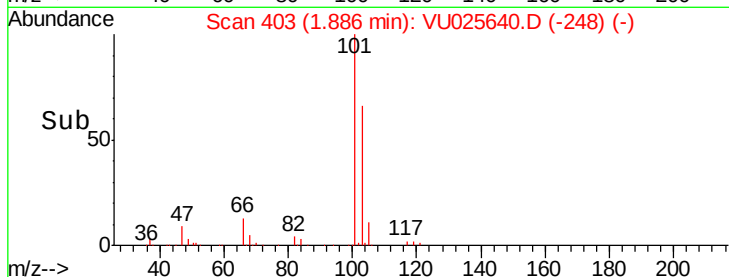
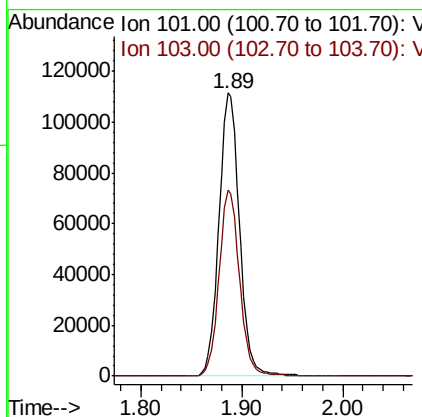
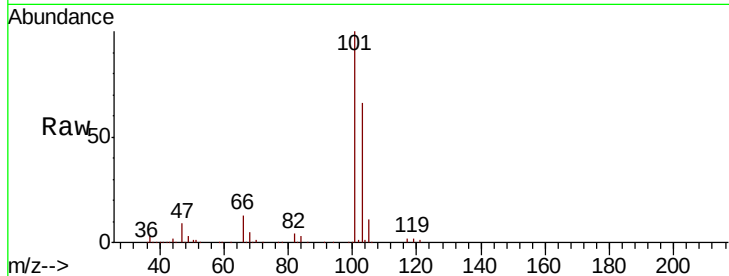
Trichlorofluoromethane
 Concen: 9.703 ug/l
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Instrument :
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 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	159505		
103	65.8	51.4	77.0	

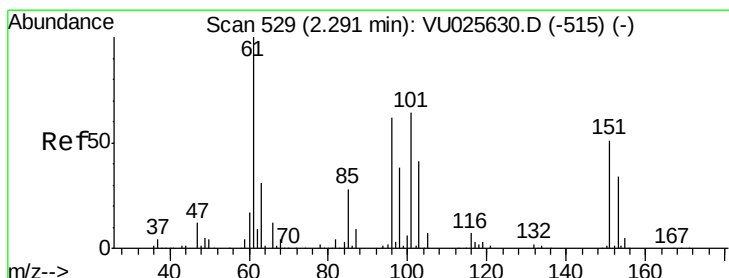
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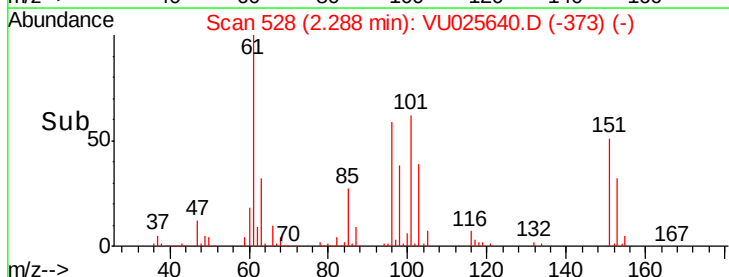
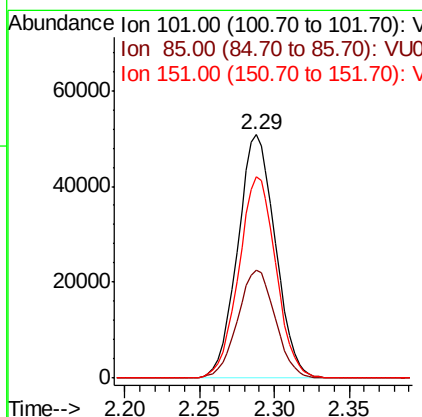
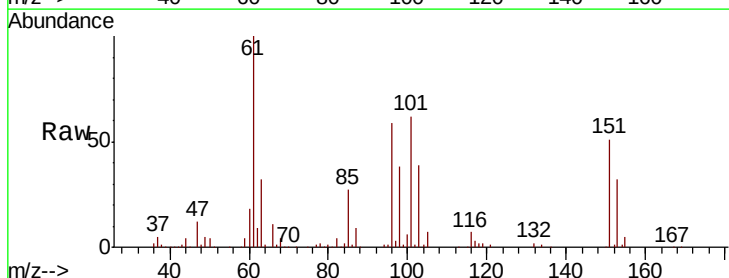
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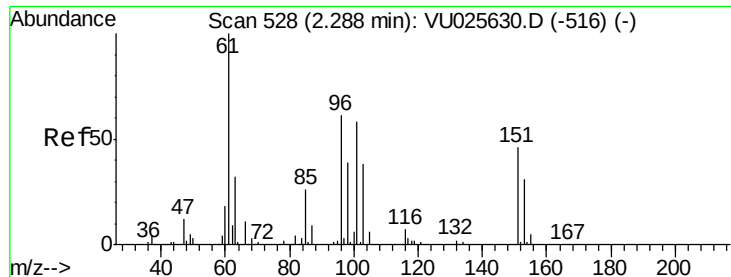


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.838 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	88795		
85	44.4	35.2	52.8	
151	81.9	63.5	95.3	





#9

1,1-Dichloroethene

Concen: 9.464 ug/l

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

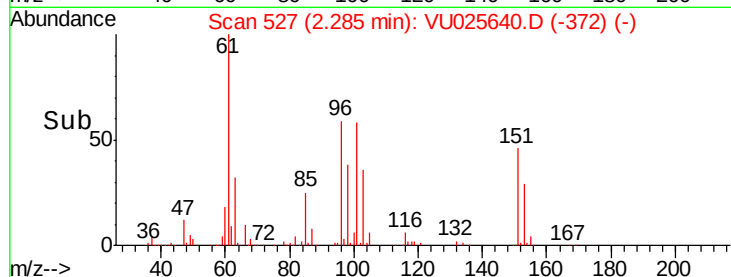
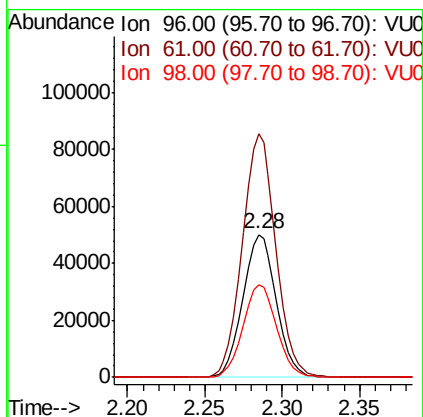
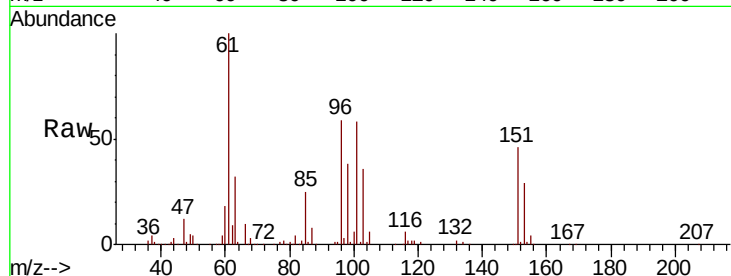
VSTDCCC010EC

Tot Ion:	96	Resp:	75380
Ion	Ratio	Lower	Upper
96	100		
61	170.3	0.0	526.5
98	65.0	0.0	123.4

Manual Integrations
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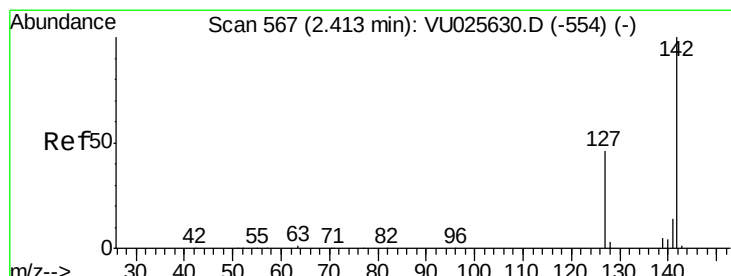
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#10

Iodomethane

Concen: 8.418 ug/l

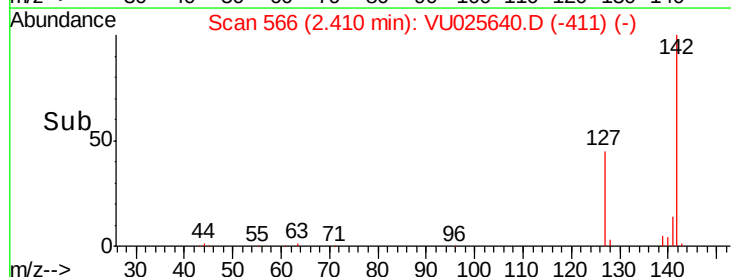
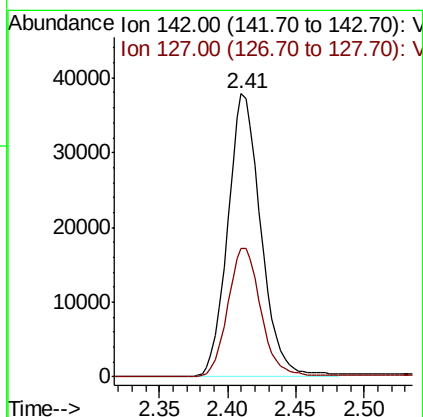
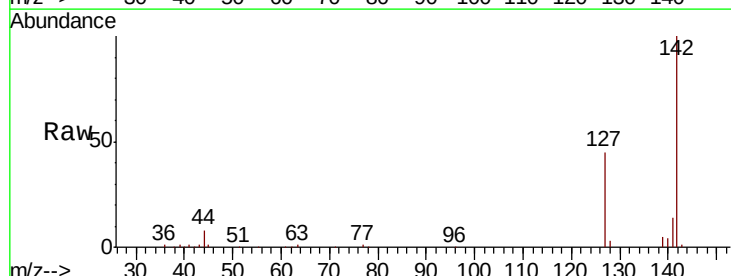
RT: 2.41 min Scan# 566

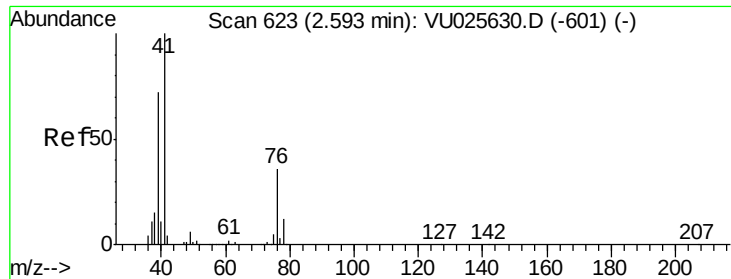
Delta R.T. -0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Tgt Ion:	142	Resp:	64162
Ion	Ratio	Lower	Upper
142	100		
127	45.6	34.5	51.7





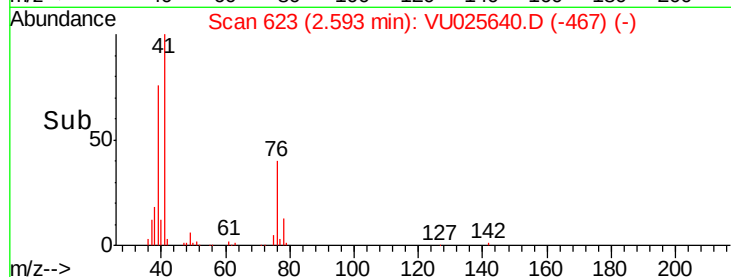
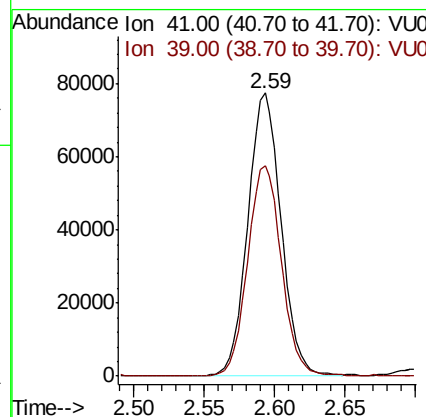
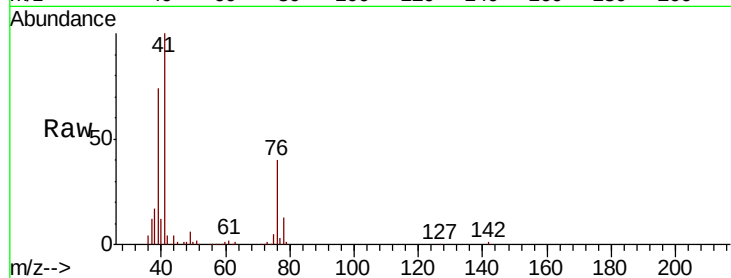
#11
Allvl Chloride
Concen: 9.550 ug/l
RT: 2.59 min Scan# 623
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 41 Resp: 127155
Ion Ratio Lower Upper
41 100
39 75.4 51.4 77.2

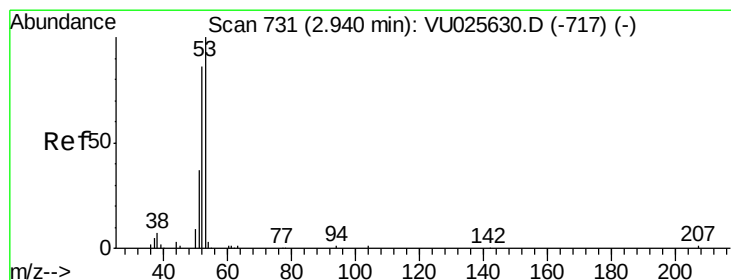
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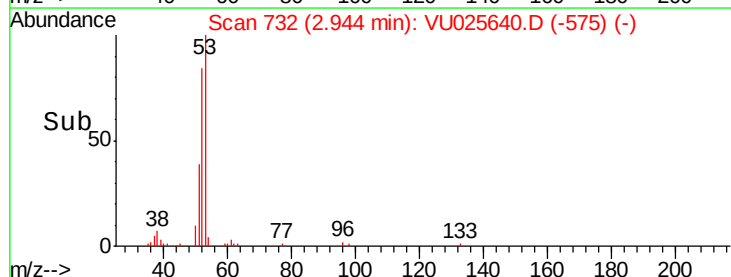
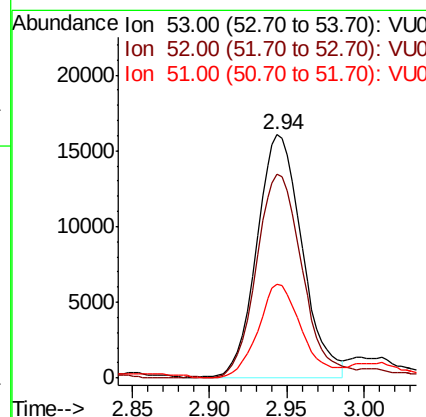
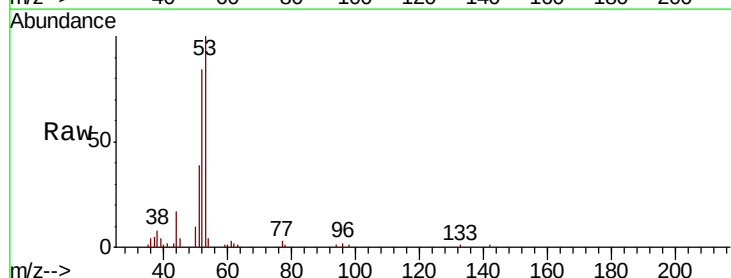
apatel

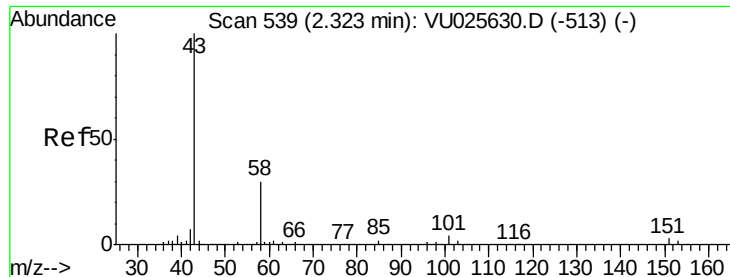
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#12
Acrylonitrile
Concen: 18.680 ug/l
RT: 2.94 min Scan# 732
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion: 53 Resp: 32800
Ion Ratio Lower Upper
53 100
52 85.1 65.1 97.7
51 37.4 30.2 45.4





#13

Acetone

Concen: 46.554 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Tot Ion: 43 Resp: 71090

Ion Ratio Lower Upper

43 100

58 30.1 26.0 39.0

Instrument :

MSVOA_U

ClientSampled :

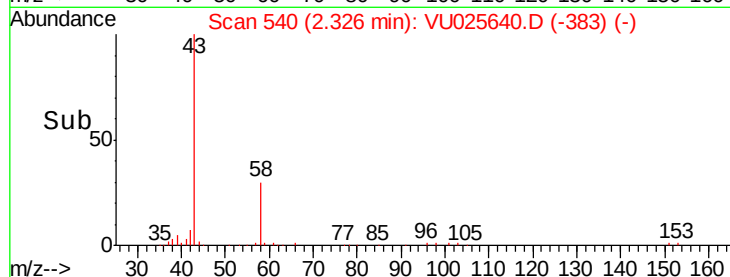
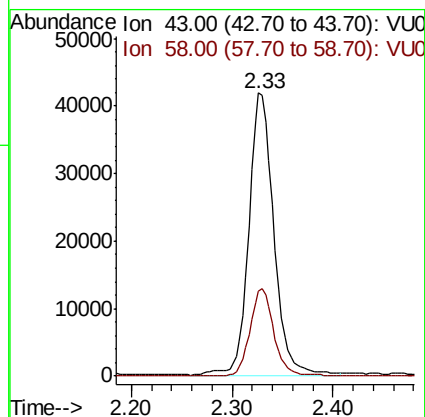
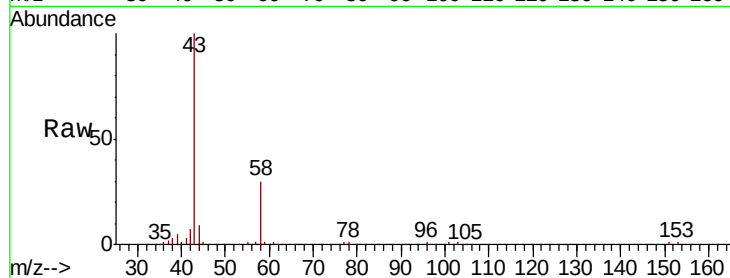
VSTDCCC010EC

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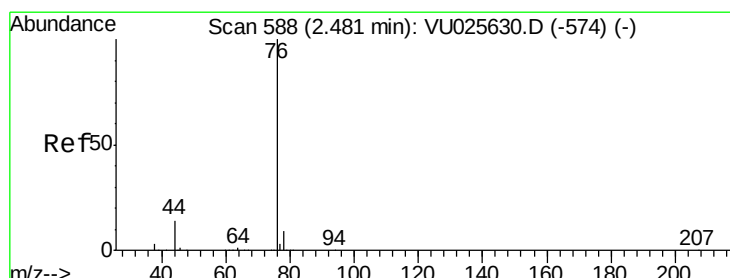
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#14

Carbon Disulfide

Concen: 9.374 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025640.D

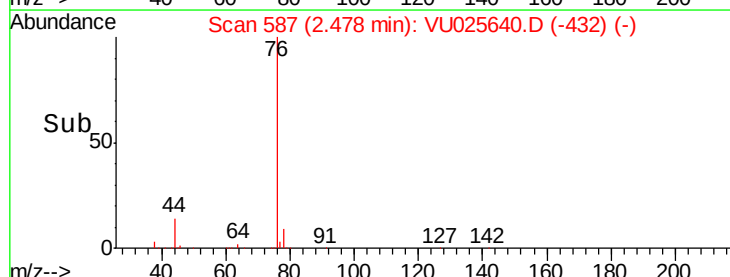
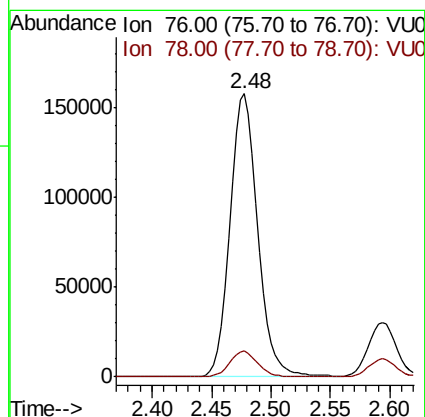
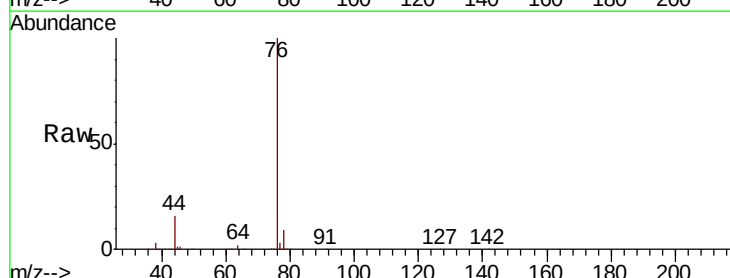
Acq: 25 Jul 2018 19:05

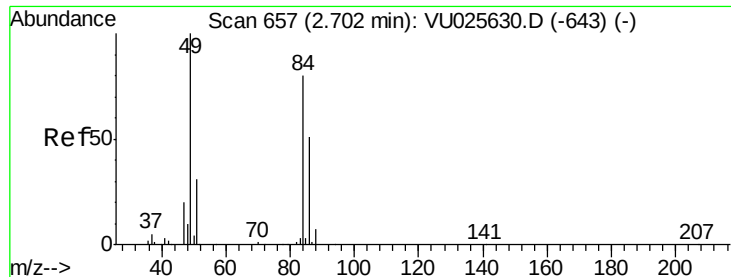
Tgt Ion: 76 Resp: 255363

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





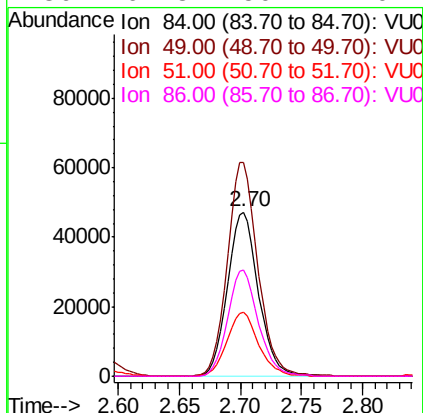
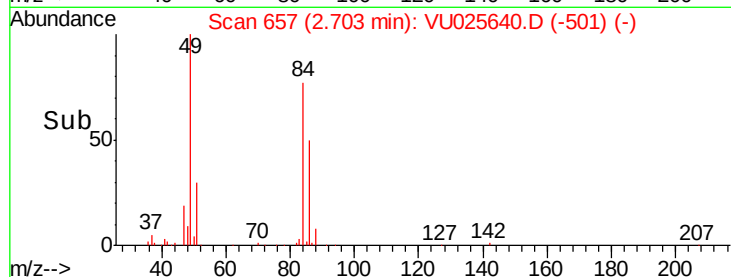
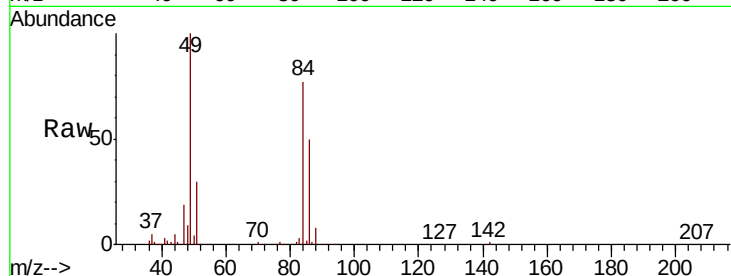
#15
Methylene Chloride
Concen: 8.821 ug/l
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:	84	Resp:	83760
Ion	Ratio	Lower	Upper
84	100		
49	129.9	108.7	163.1
51	39.1	0.0	82.4
86	64.8	50.7	76.1

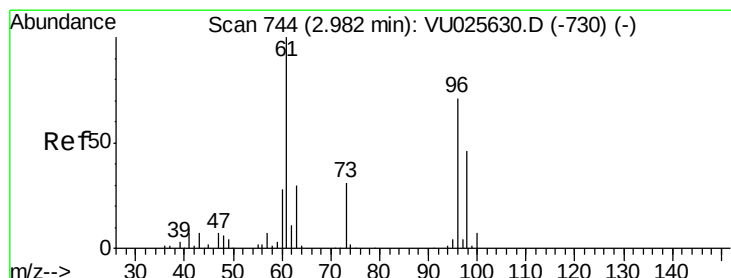
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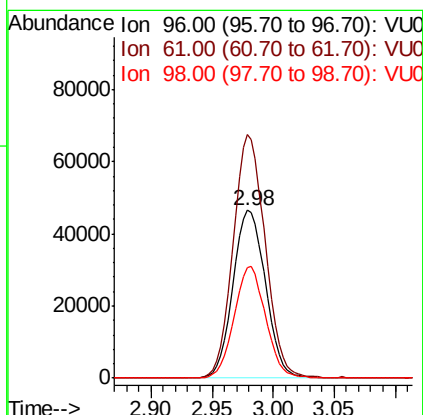
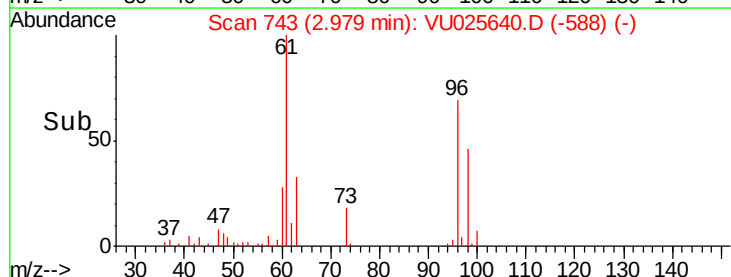
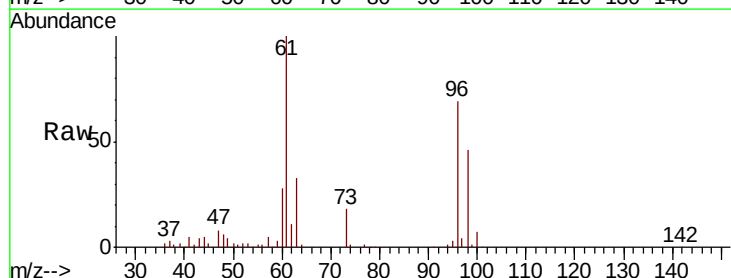
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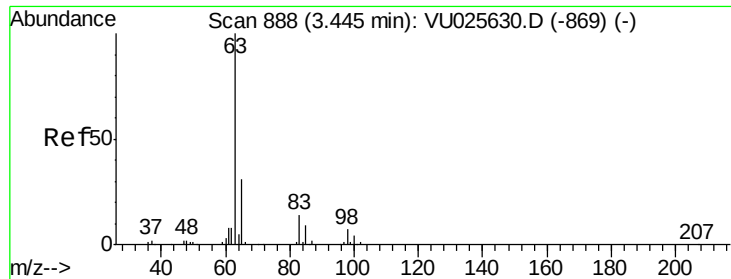
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#16
trans-1,2-Dichloroethene
Concen: 9.632 ug/l
RT: 2.98 min Scan# 743
Delta R.T. -0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion:	96	Resp:	86017
Ion	Ratio	Lower	Upper
96	100		
61	145.1	123.9	185.9
98	66.1	50.6	76.0





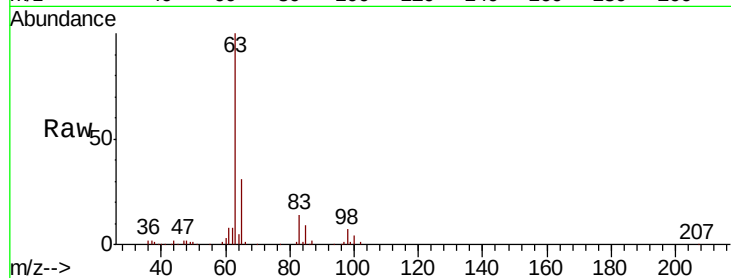
#17
 1,1-Dichloroethane
 Concen: 9.623 ug/l
 RT: 3.45 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

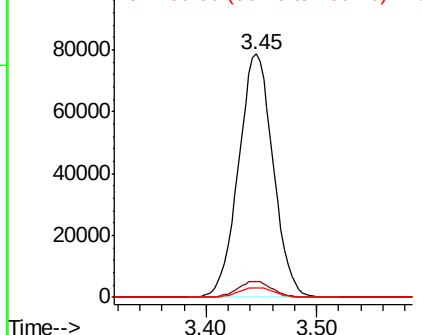
Tot Ion	Ratio	Resp	Lower	Upper
63	100	170448		
98	6.7		2.9	8.8
100	3.9		2.0	5.8

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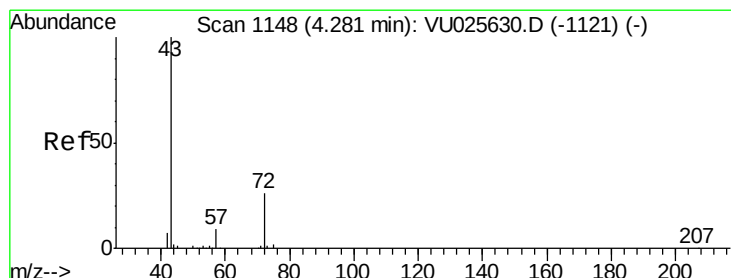
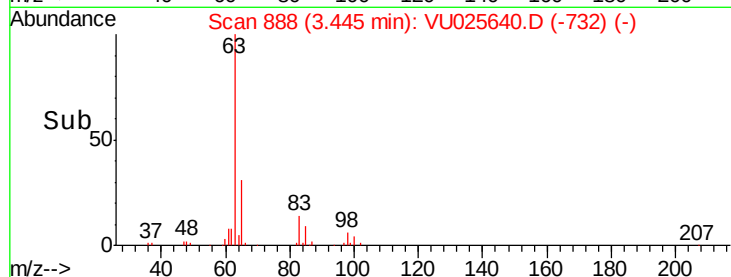


Abundance Ion 63.00 (62.70 to 63.70): VU025630.D (-869) (-)
 Ion 98.00 (97.70 to 98.70): VU025630.D (-869) (-)
 Ion 100.00 (99.70 to 100.70): VU025630.D (-869) (-)



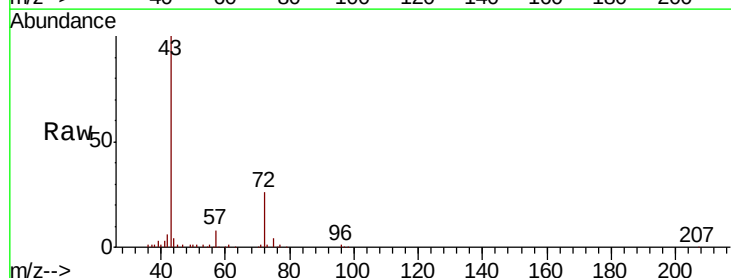
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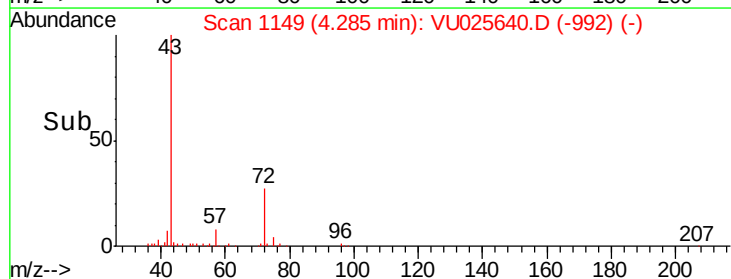
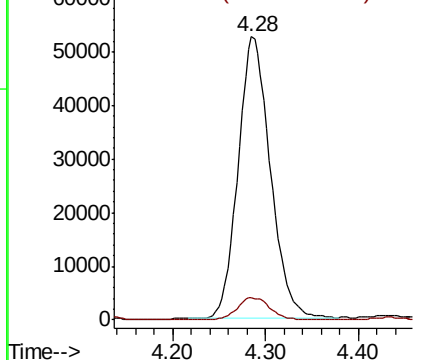


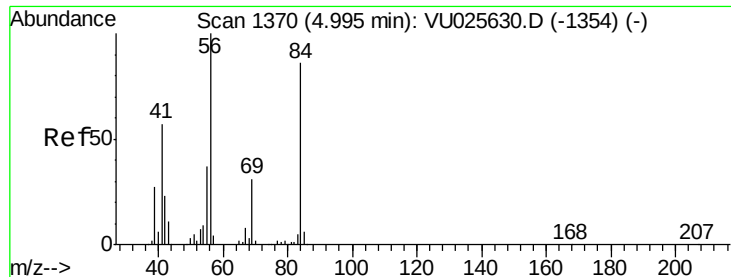
#18
 2-Butanone
 Concen: 47.915 ug/l
 RT: 4.28 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	126971		
57	7.9		0.0	15.8



Abundance Ion 43.00 (42.70 to 43.70): VU025630.D (-1121) (-)
 Ion 57.00 (56.70 to 57.70): VU025630.D (-1121) (-)





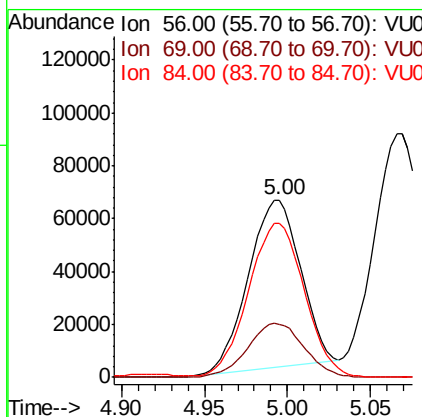
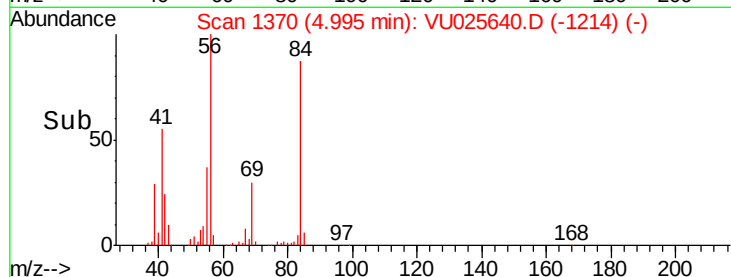
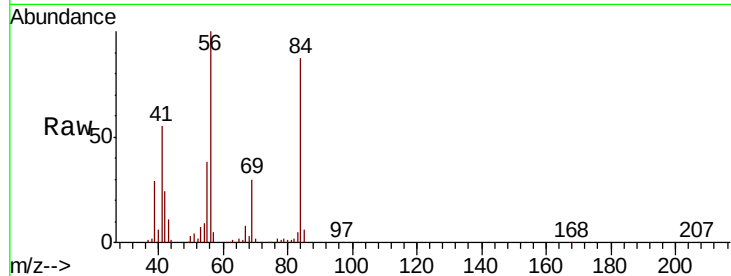
#19
Cyclohexane
Concen: 10.163 ug/l
RT: 5.00 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	26.0	39.0
84	97.4	68.3	102.5

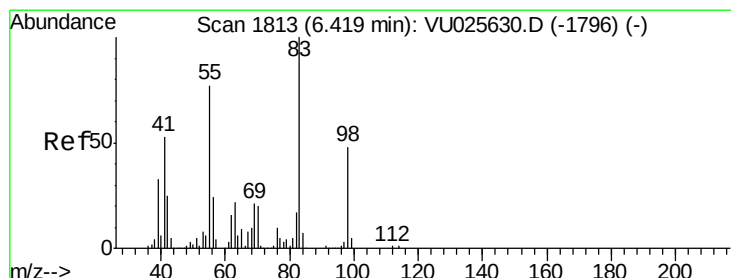
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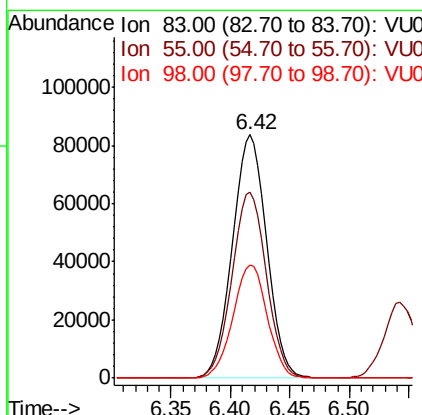
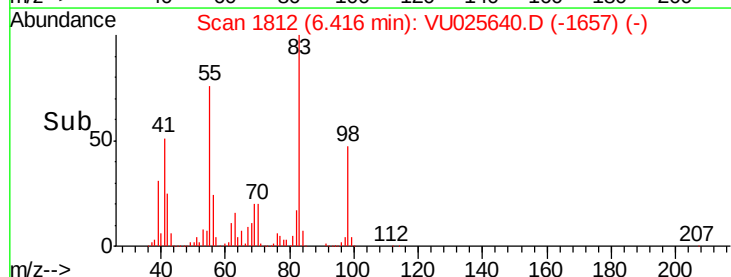
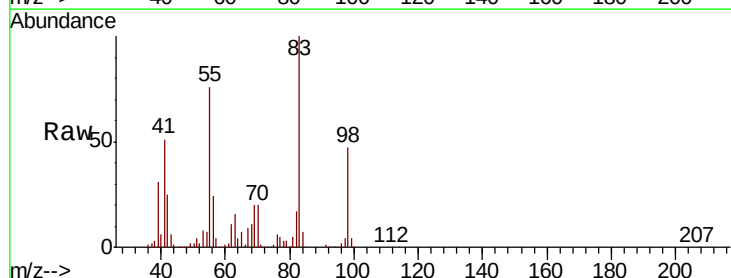
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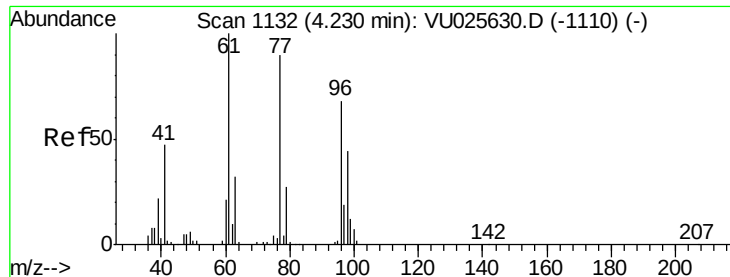
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#20
Methylcyclohexane
Concen: 9.956 ug/l
RT: 6.42 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.9	66.4	99.6
98	46.7	35.4	53.2





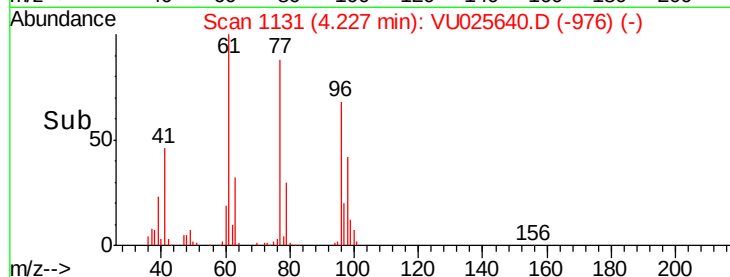
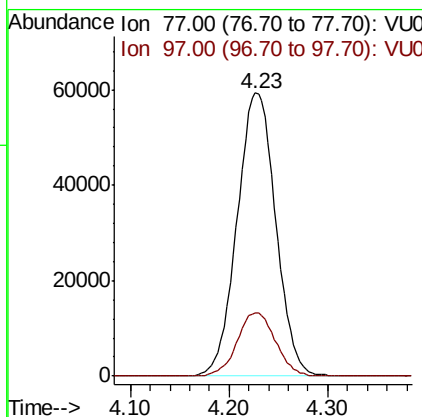
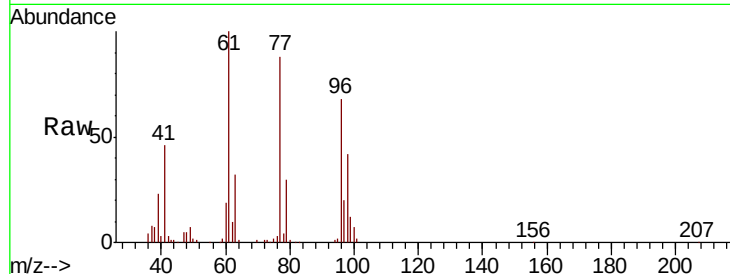
#21
2,2-Dichloropropane
Concen: 9.527 ug/l
RT: 4.23 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 77 Resp: 160889
Ion Ratio Lower Upper
77 100
97 22.1 17.9 26.9

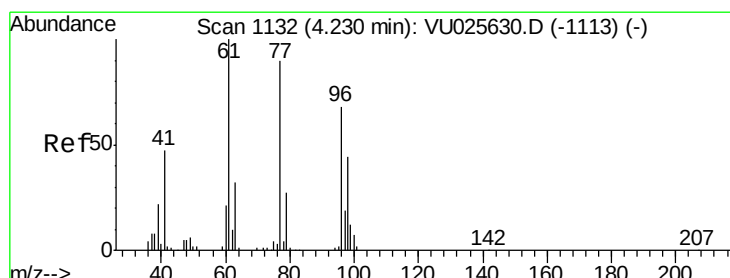
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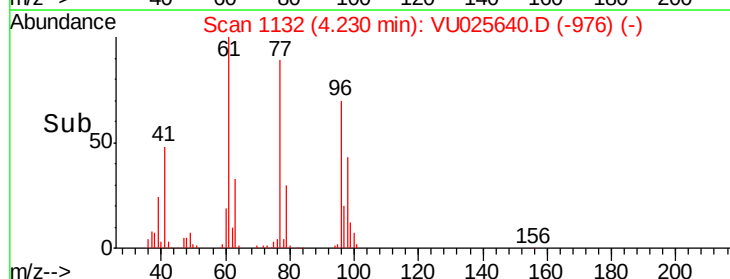
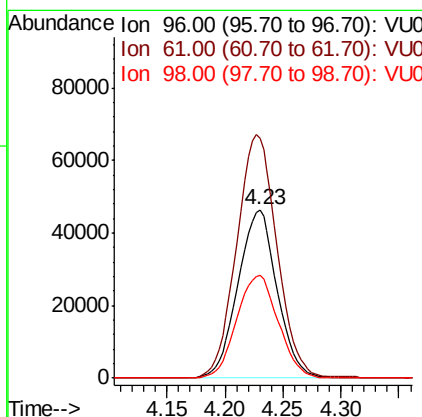
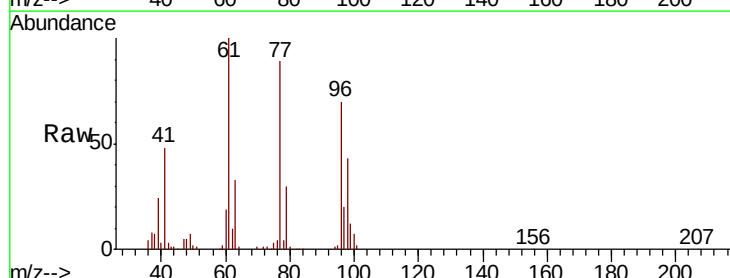
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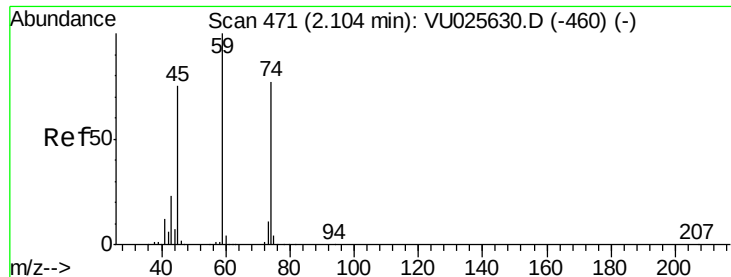
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#22
cis-1,2-Dichloroethene
Concen: 9.705 ug/l
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion: 96 Resp: 109119
Ion Ratio Lower Upper
96 100
61 148.7 0.0 400.5
98 64.7 32.2 96.6





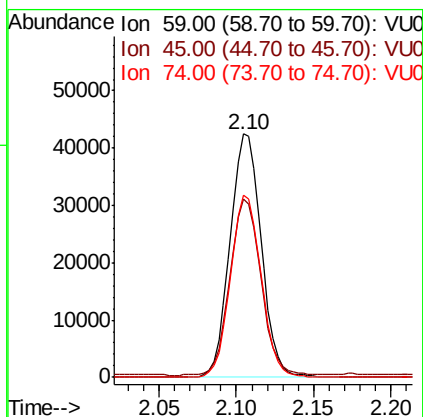
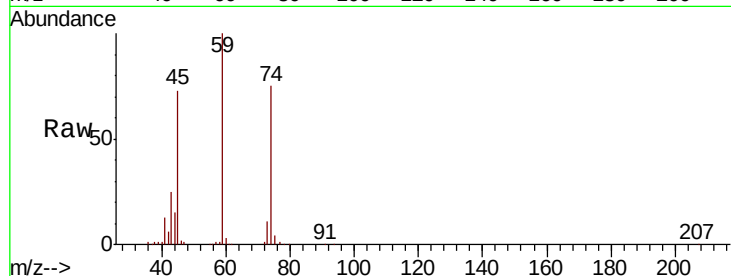
#23
Diethyl Ether
Concen: 9.799 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
59	100		
45	72.2	60.0	90.0
74	73.7	56.5	84.7

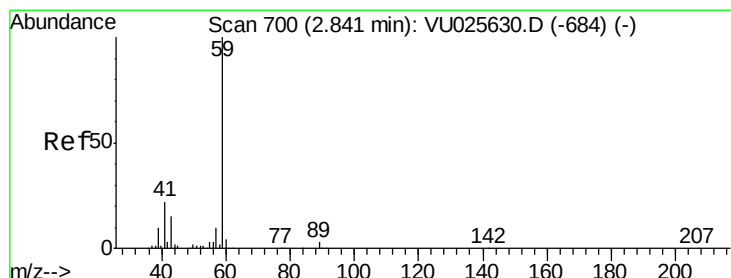
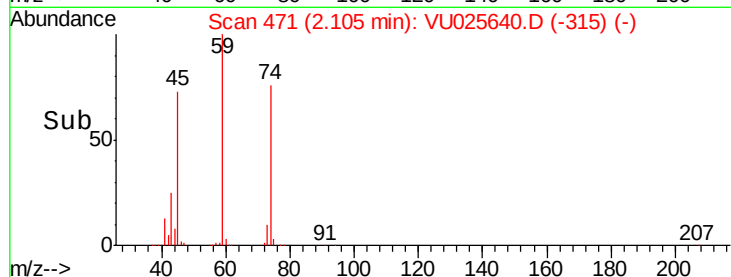
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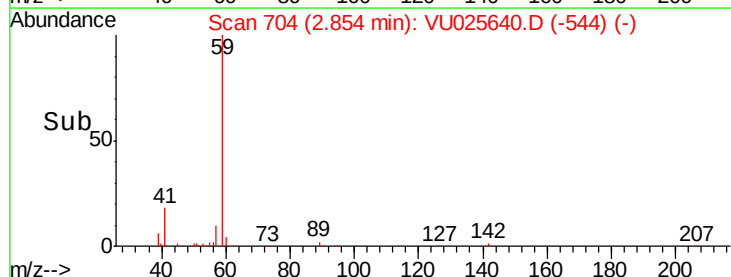
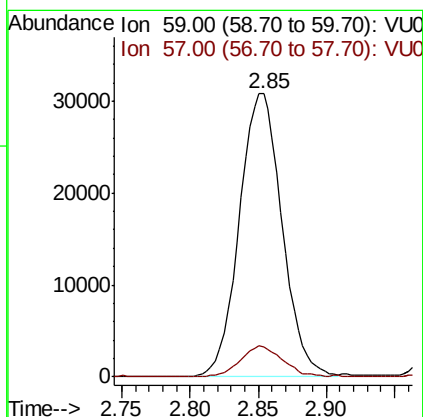
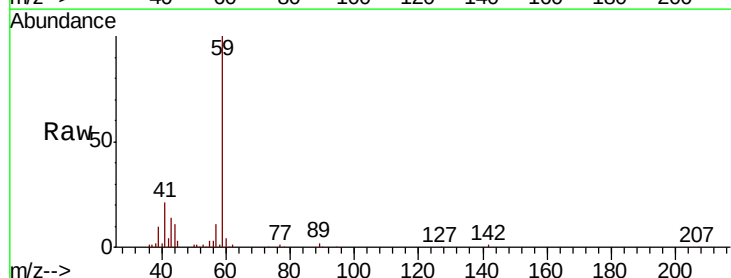
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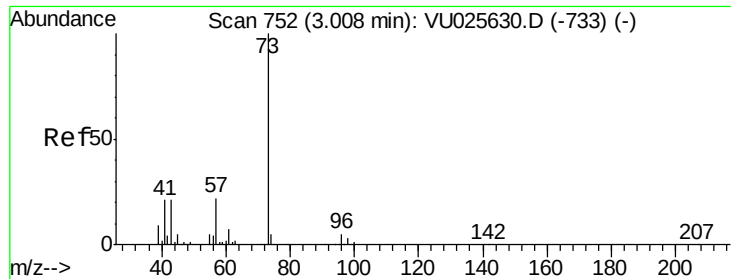
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#24
tert-Butyl Alcohol
Concen: 94.565 ug/l
RT: 2.85 min Scan# 704
Delta R.T. 0.01 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.9	3.4	5.2#





#25

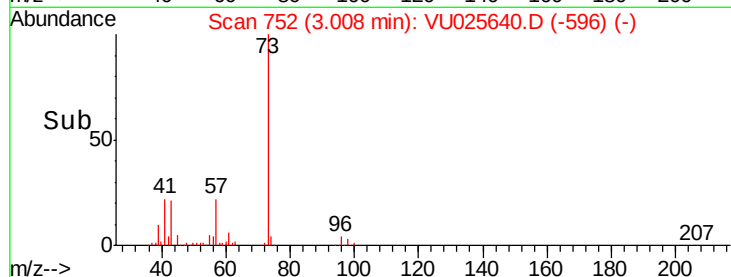
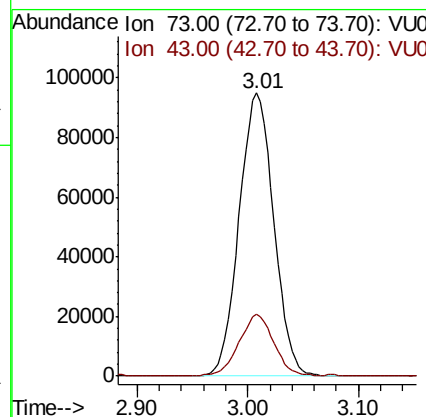
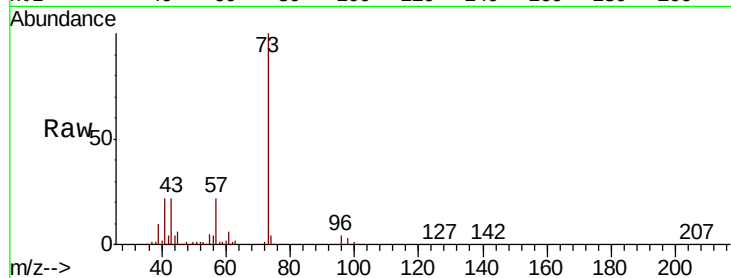
Methyl tert-Butyl Ether
 Concen: 9.581 ug/l
 RT: 3.01 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
73	100		
43	21.3	16.2	24.2

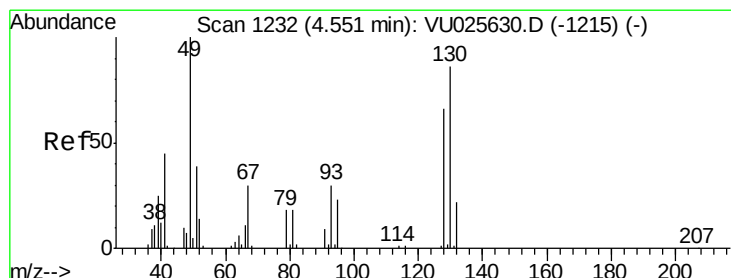
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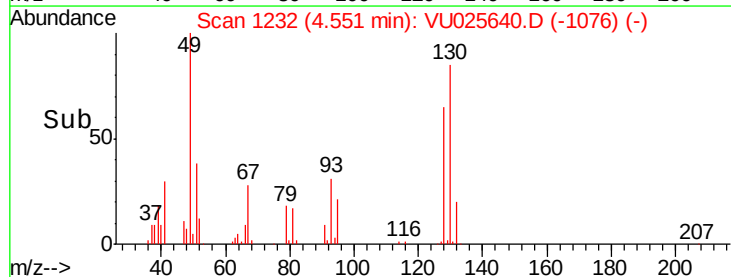
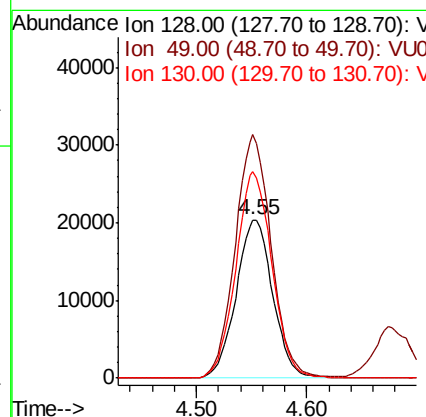
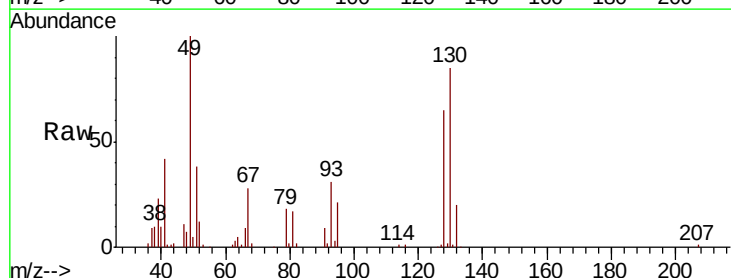
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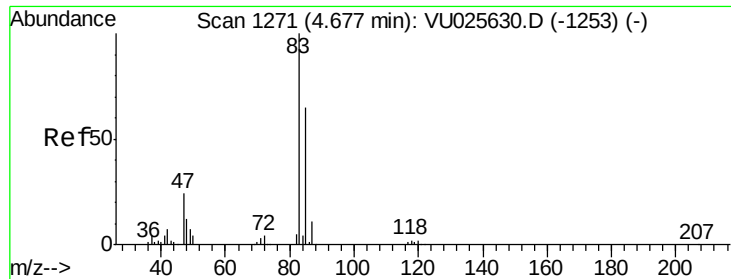


#26

Bromochloromethane
 Concen: 9.454 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
128	100		
49	151.4	0.0	375.2
130	128.9	105.8	158.6





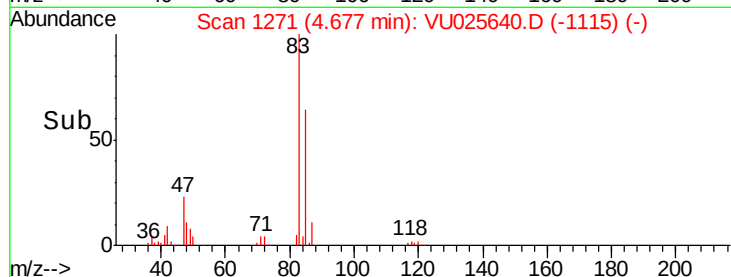
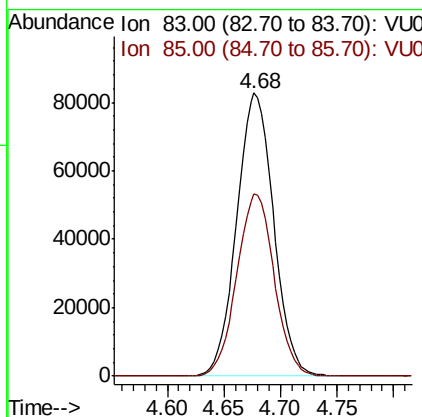
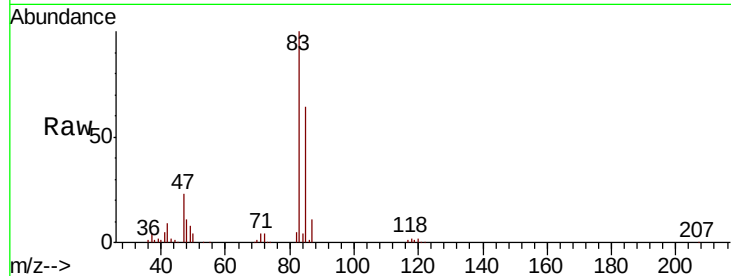
#27
Chloroform
Concen: 9.670 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	83	Resp	188232
Ion Ratio	100	Lower	Upper
85	64.4	0.0	128.4

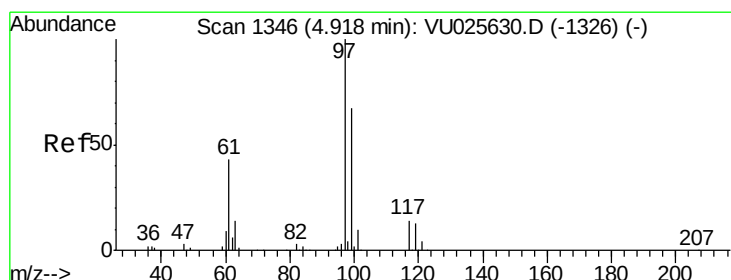
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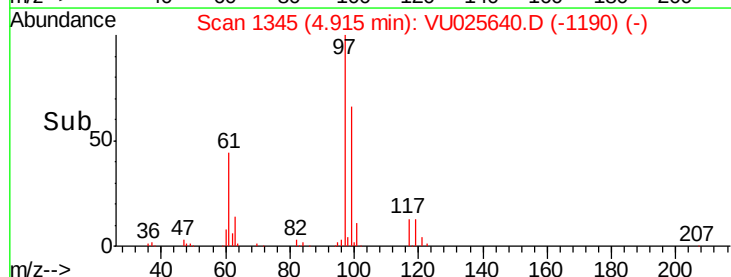
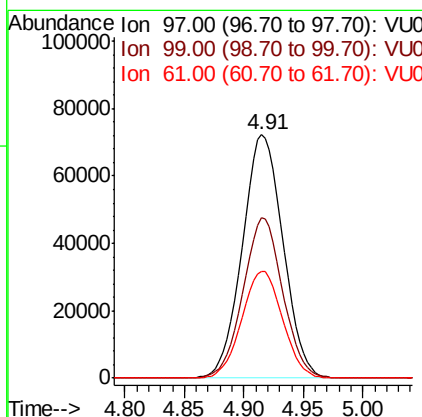
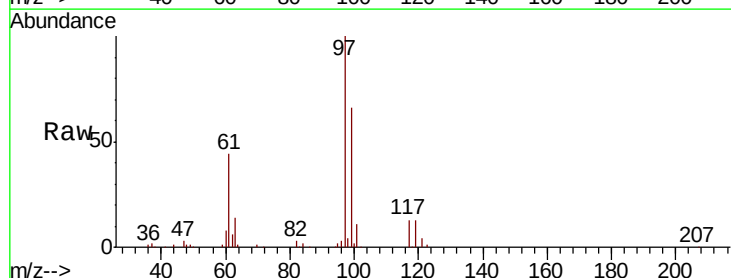
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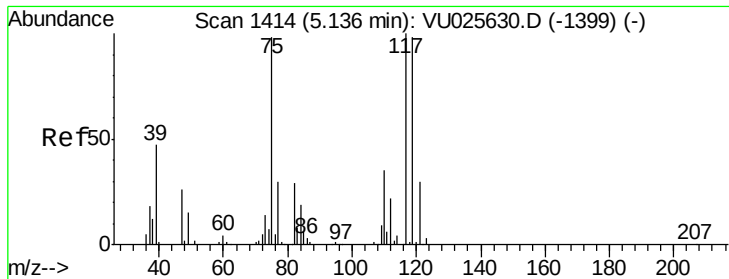
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#28
1,1,1-Trichloroethane
Concen: 9.775 ug/l
RT: 4.91 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion	97	Resp	171599
Ion Ratio	100	Lower	Upper
99	64.0	32.3	96.9
61	43.9	23.2	69.5





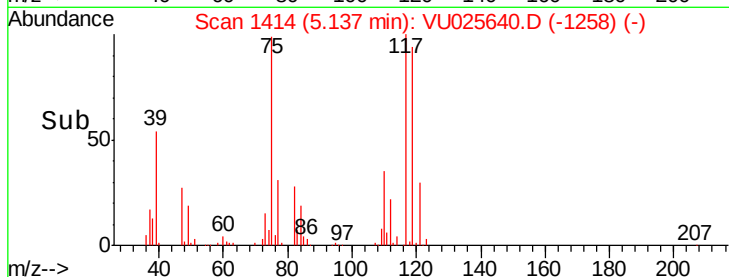
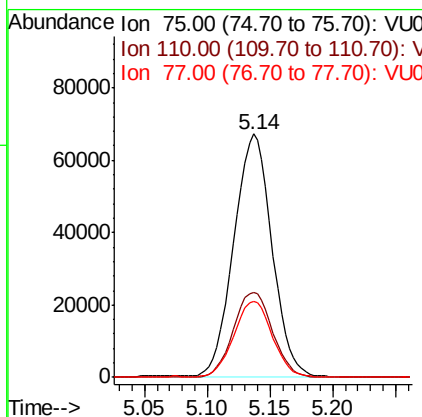
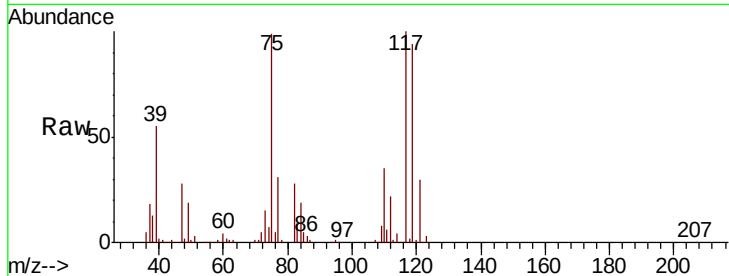
#29
 1,1-Dichloropropene
 Concen: 9.839 ug/l
 RT: 5.14 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.1	16.9	50.7
77	31.8	24.8	37.2

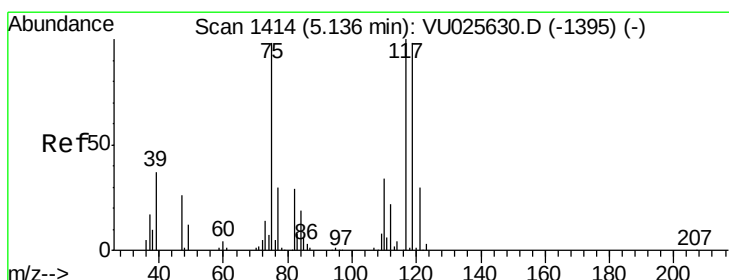
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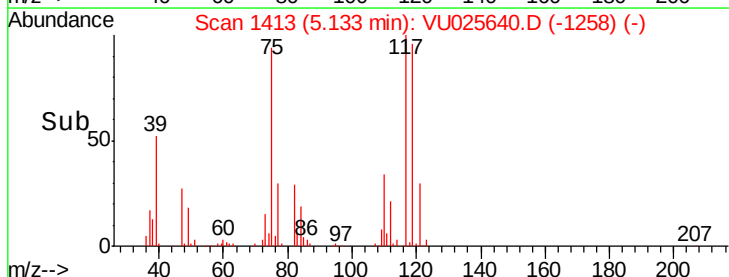
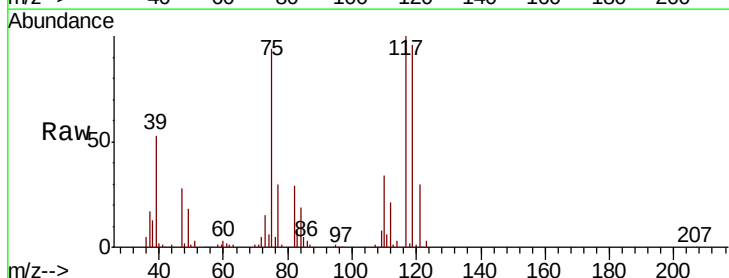
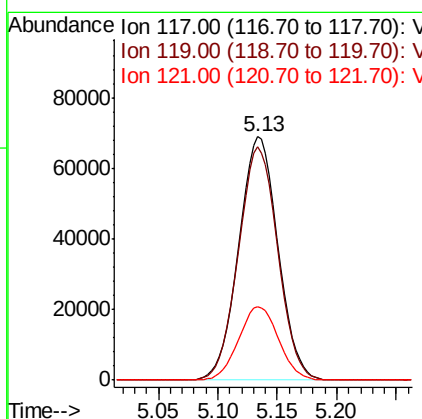
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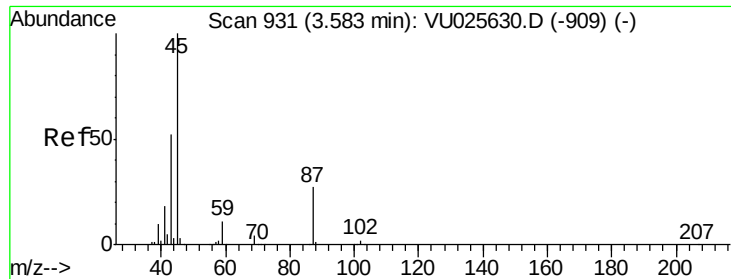
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#30
 Carbon Tetrachloride
 Concen: 9.861 ug/l
 RT: 5.13 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
121	30.2	24.5	36.7





#31

Isopropyl Ether

Concen: 9.730 ug/l

RT: 3.58 min Scan# 931

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 45 Resp: 276114

Ion Ratio Lower Upper

45 100

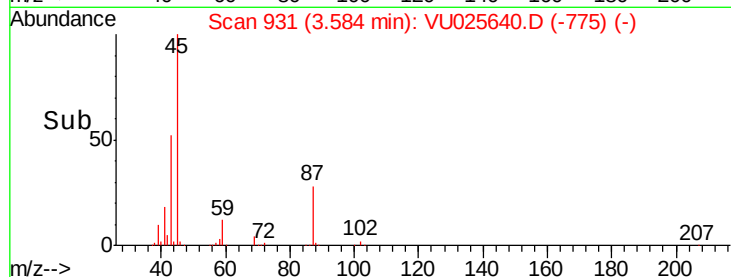
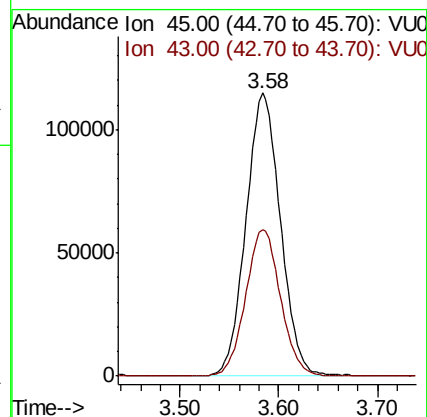
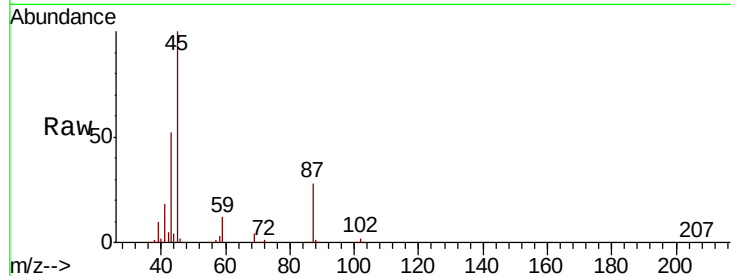
43 52.3 24.0 72.0

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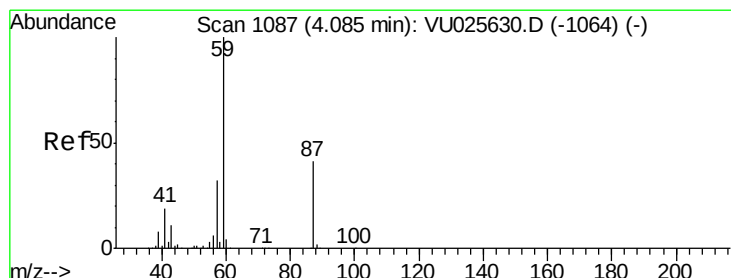
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#32

Ethyl-t-butyl ether

Concen: 9.783 ug/l

RT: 4.09 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VU025640.D

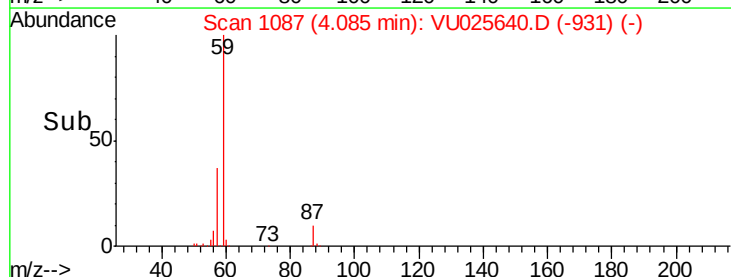
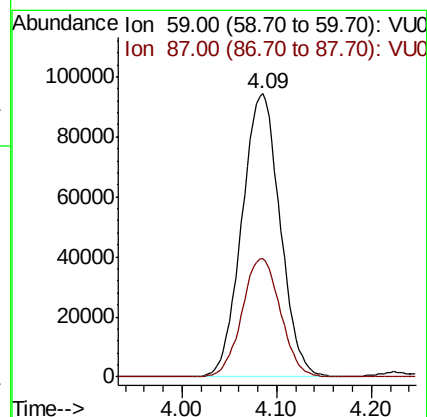
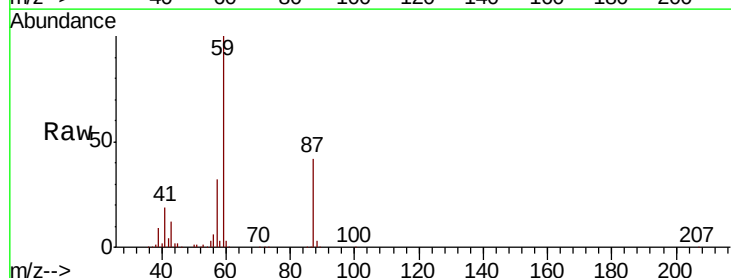
Acq: 25 Jul 2018 19:05

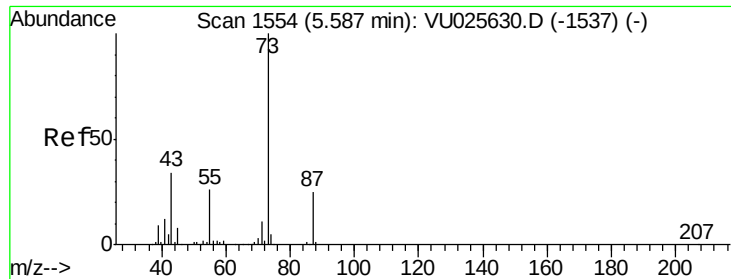
Tgt Ion: 59 Resp: 263807

Ion Ratio Lower Upper

59 100

87 42.1 31.0 46.6





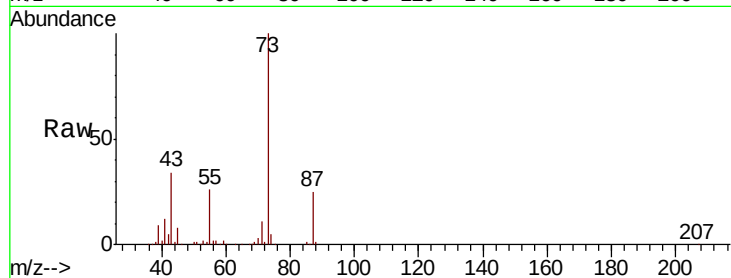
#33
Tert-Butyl methyl ether
Concen: 9.868 ug/l
RT: 5.59 min Scan# 1554
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

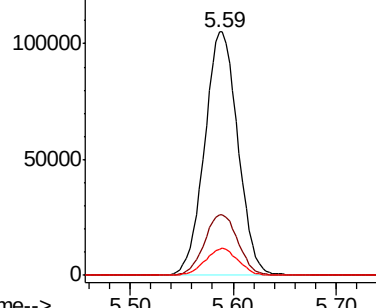
Tot Ion	Ratio	Lower	Upper
73	100		
87	25.2	18.6	28.0
71	11.0	9.3	13.9

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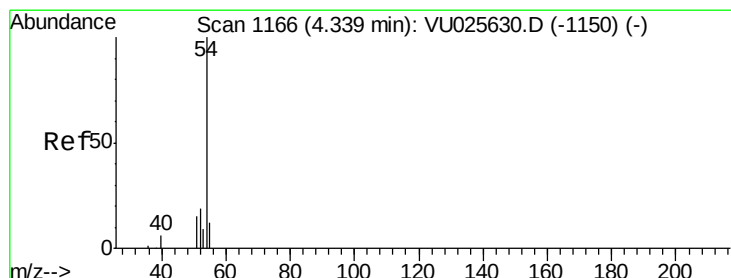
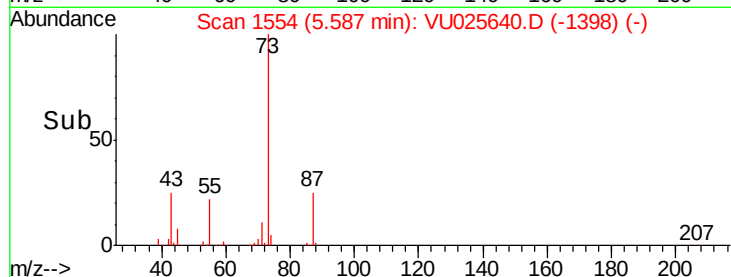


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



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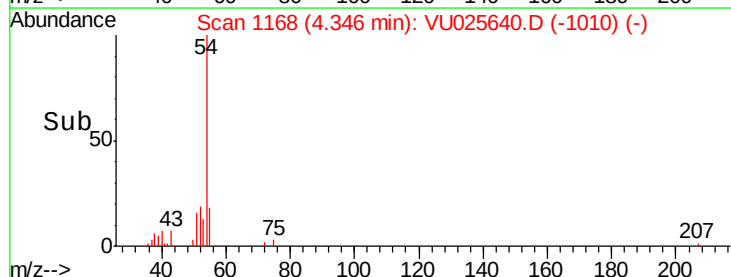
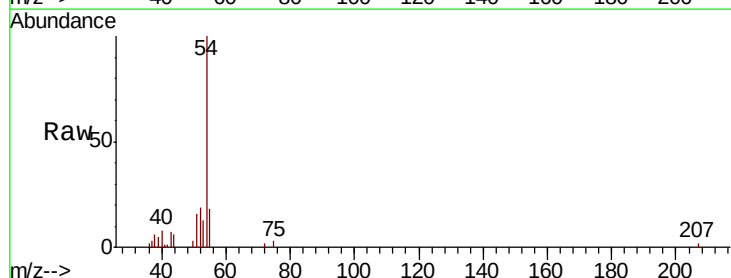
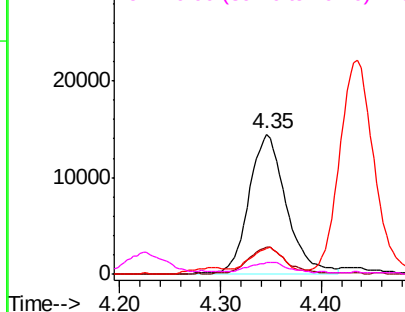
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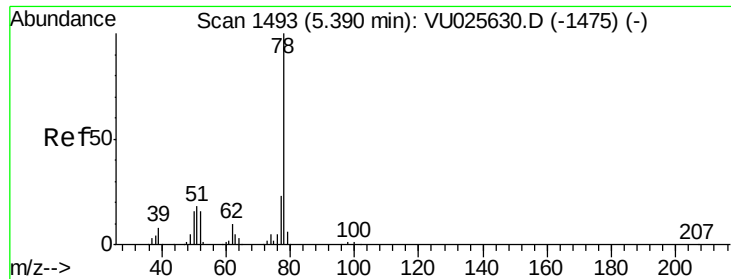


#34
Propionitrile
Concen: 50.439 ug/l
RT: 4.35 min Scan# 1168
Delta R.T. 0.01 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
54	100		
52	19.3	13.7	20.5
55	16.4	10.2	15.2#
40	6.9	3.5	5.3#

Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





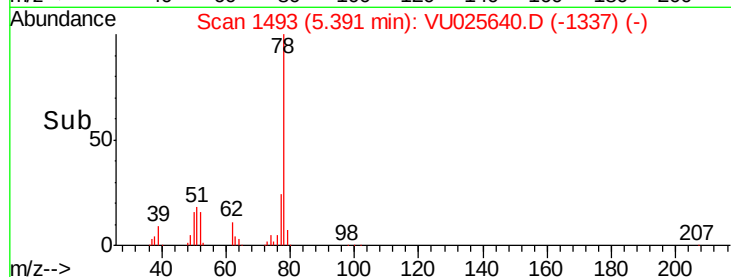
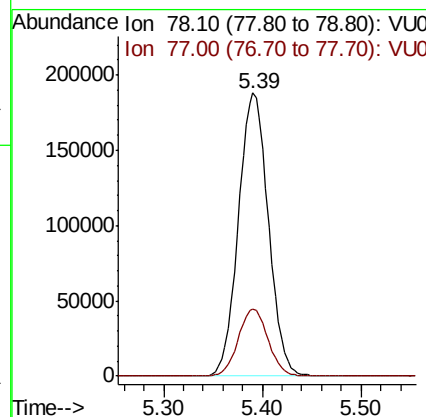
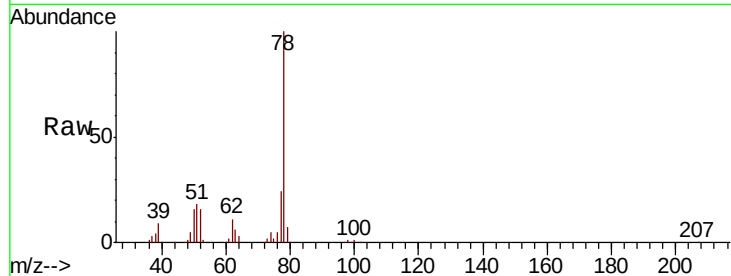
#35
Benzene
Concen: 9.840 ug/l
RT: 5.39 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7

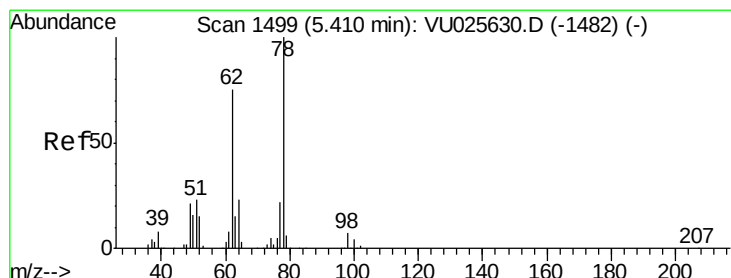
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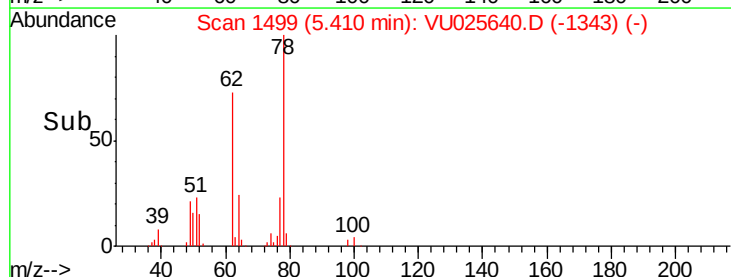
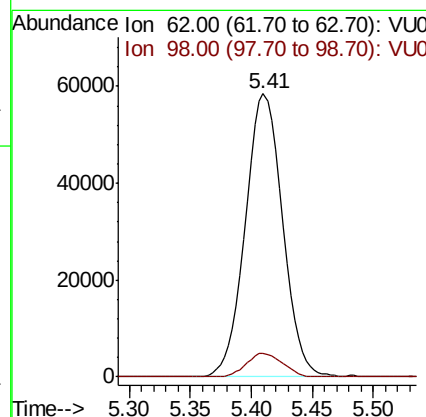
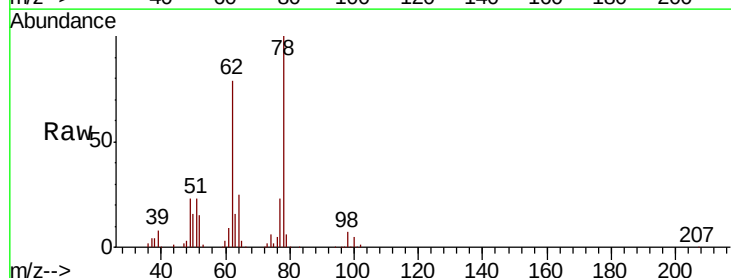
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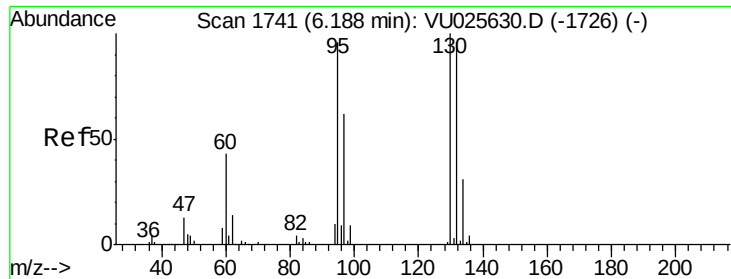
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#36
1,2-Dichloroethane
Concen: 9.996 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	7.2	10.8





#37

Trichloroethene

Concen: 9.541 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:130 Resp: 113126

Ion Ratio Lower Upper

130 100

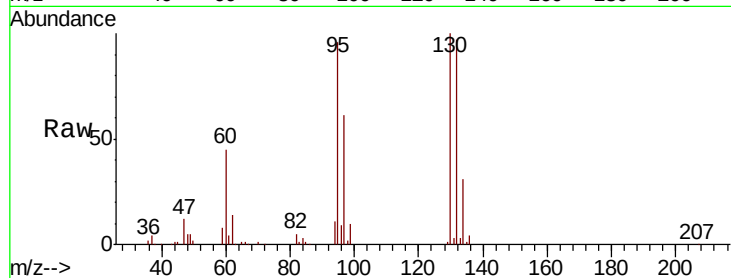
95 96.3 77.9 116.9

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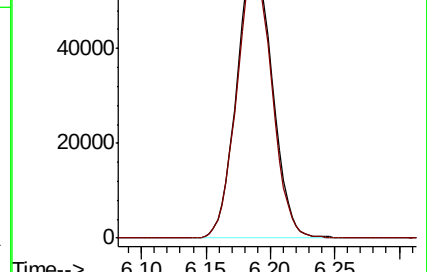
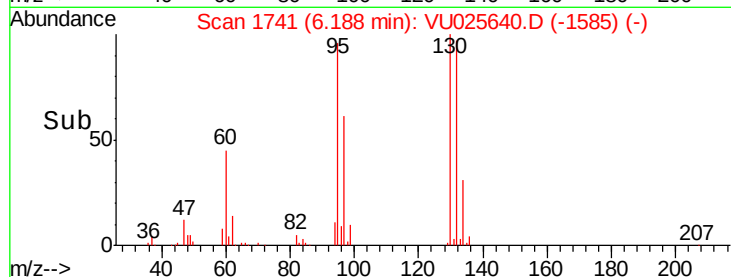


Abundance Ion 129.90 (129.60 to 130.60): VU025630.D (-1726) (-)

Ion 94.90 (94.60 to 95.60): VU025630.D (-1726) (-)

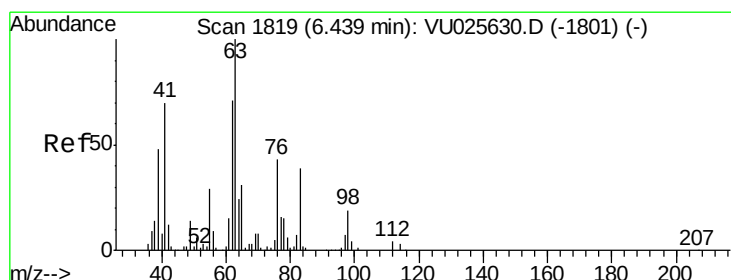
6.19

6.10 6.15 6.20 6.25



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#38

1,2-Dichloropropane

Concen: 9.826 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU025640.D

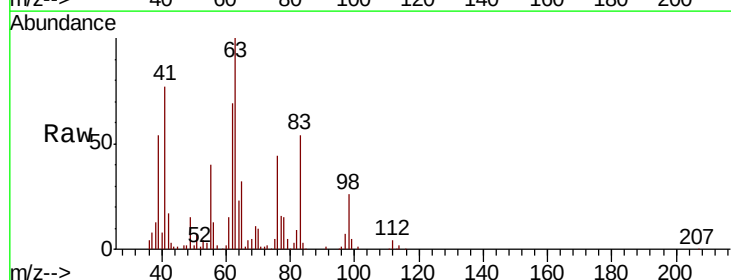
Acq: 25 Jul 2018 19:05

Tgt Ion: 63 Resp: 102620

Ion Ratio Lower Upper

63 100

65 31.7 25.8 38.8

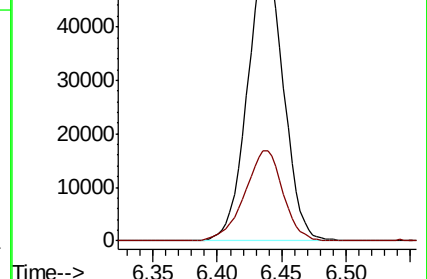
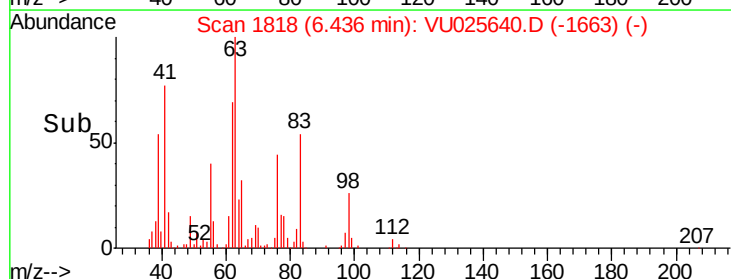


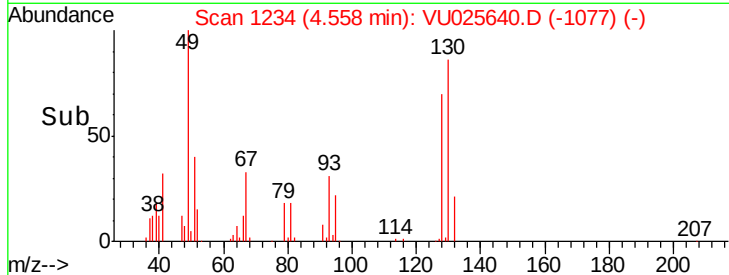
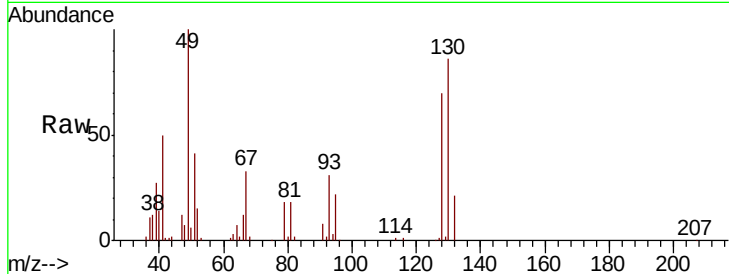
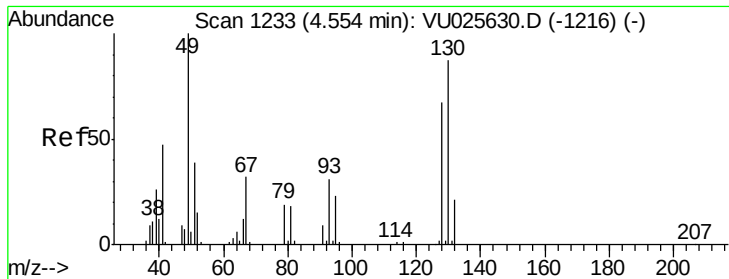
Abundance Ion 63.00 (62.70 to 63.70): VU025630.D (-1801) (-)

Ion 65.00 (64.70 to 65.70): VU025630.D (-1801) (-)

6.44

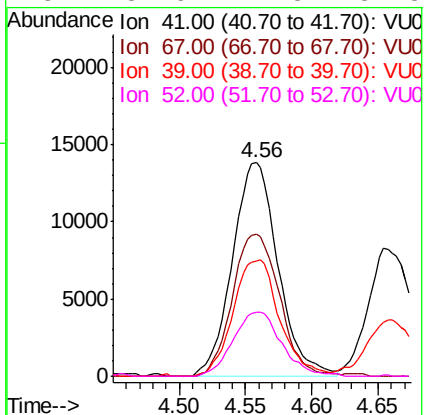
6.35 6.40 6.45 6.50





#39
Methacrylonitrile
Concen: 9.789 ug/l
RT: 4.56 min Scan# 1234
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tot Ion	41	Resp	33179
Ion	Ratio	Lower	Upper
41	100		
67	68.5	51.3	76.9
39	55.7	40.6	60.8
52	31.9	21.5	32.3



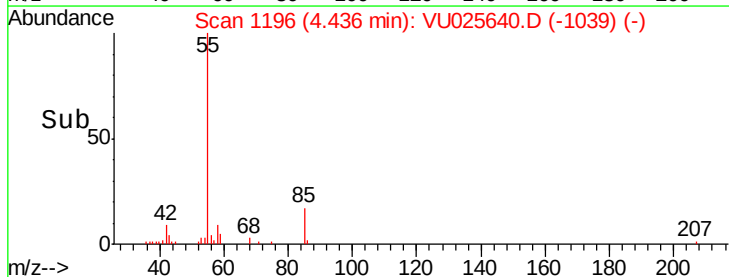
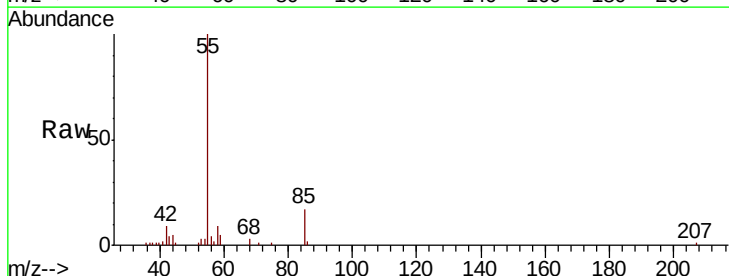
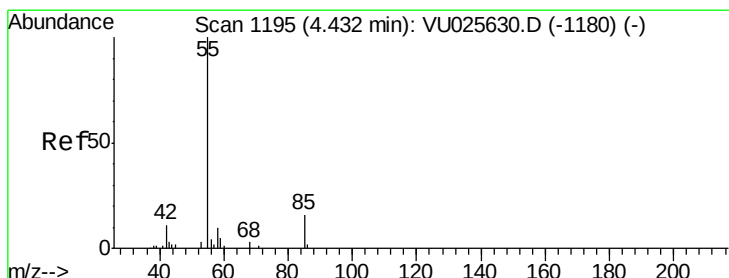
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

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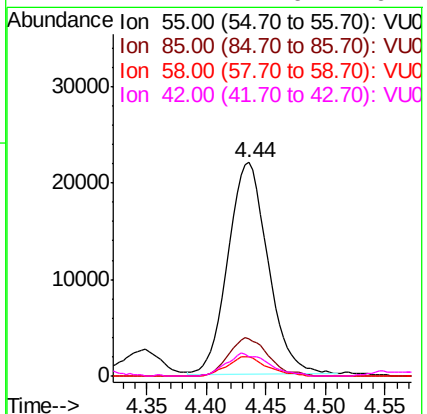
apatel

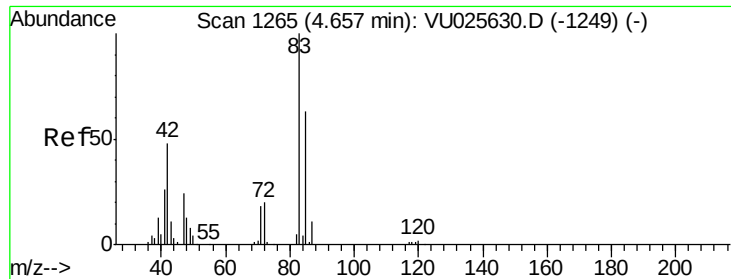
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#40
Methyl acrylate
Concen: 9.987 ug/l
RT: 4.44 min Scan# 1196
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion	55	Resp	51055
Ion	Ratio	Lower	Upper
55	100		
85	17.9	12.3	18.5
58	9.0	7.0	10.6
42	11.2	7.0	10.4#





#41

Tetrahydrofuran

Concen: 15.982 ug/l

RT: 4.66 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

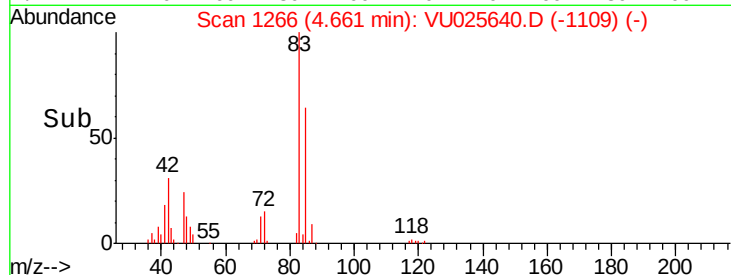
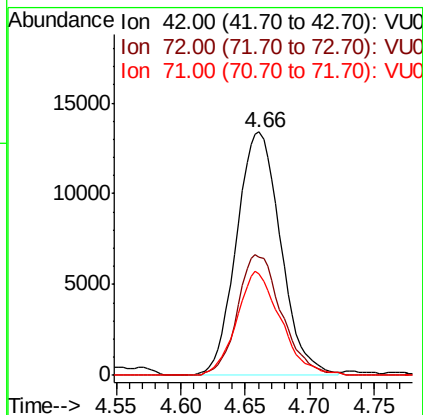
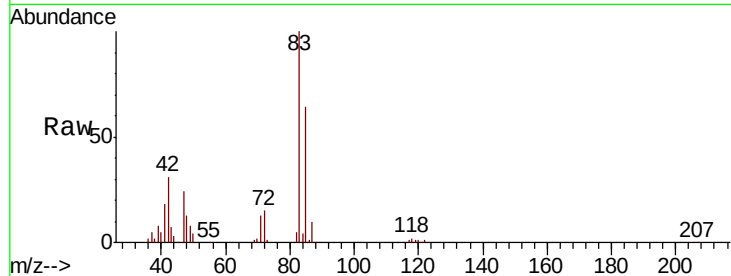
VSTDCCC010EC

Tot Ion:	42	Resp:	32008
Ion	Ratio	Lower	Upper
42	100		
72	49.4	33.2	49.8
71	42.3	29.8	44.8

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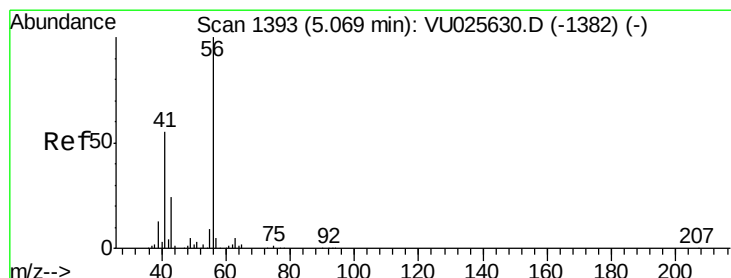
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apatel

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#42

1-Chlorobutane

Concen: 9.952 ug/l

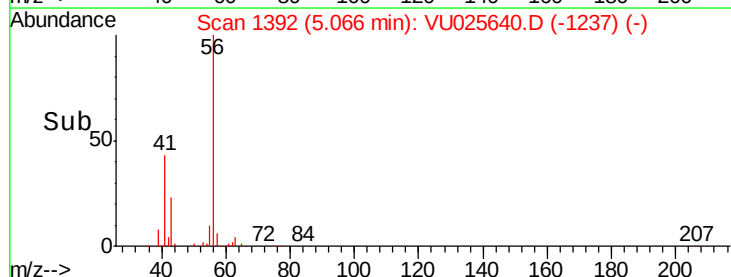
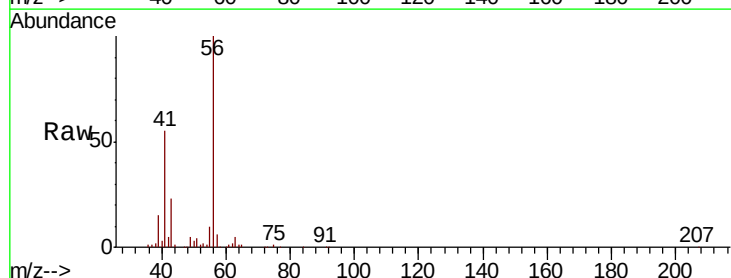
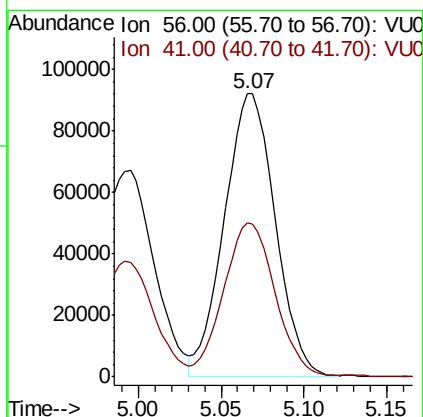
RT: 5.07 min Scan# 1392

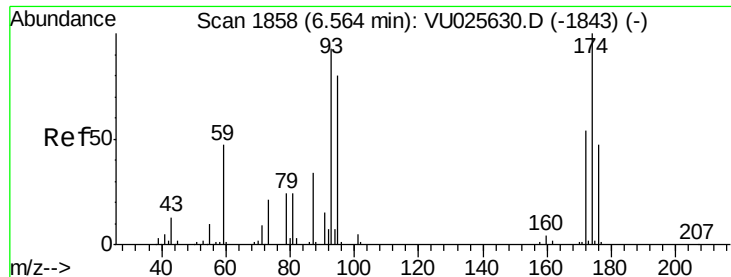
Delta R.T. -0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Tgt Ion:	56	Resp:	195319
Ion	Ratio	Lower	Upper
56	100		
41	55.8	27.5	82.5





#43

Dibromomethane

Concen: 9.937 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

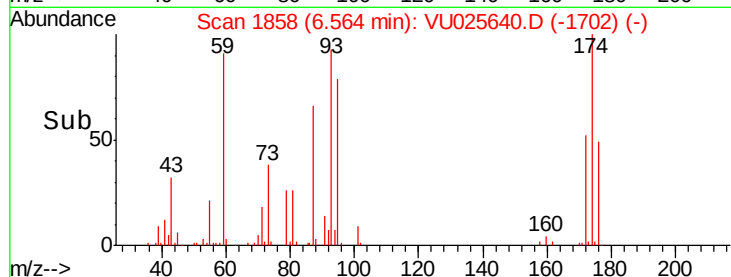
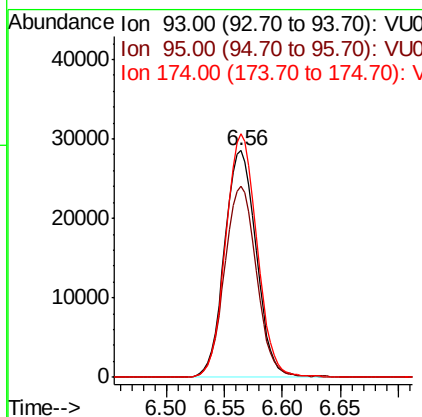
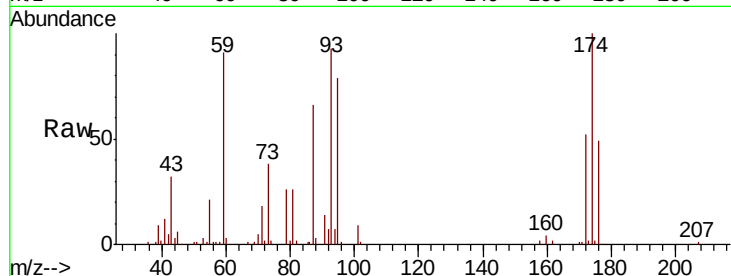
VSTDCCC010EC

Tot Ion:	93	Resp:	54172
Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.2	100.8
174	105.4	82.8	124.2

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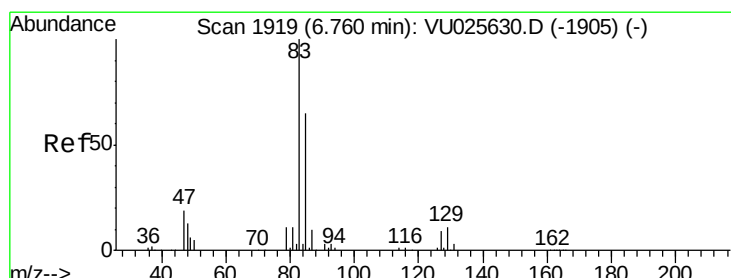
apatel

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#44

Bromodichloromethane

Concen: 10.007 ug/l

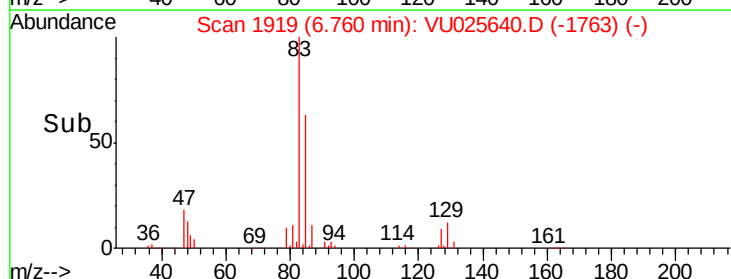
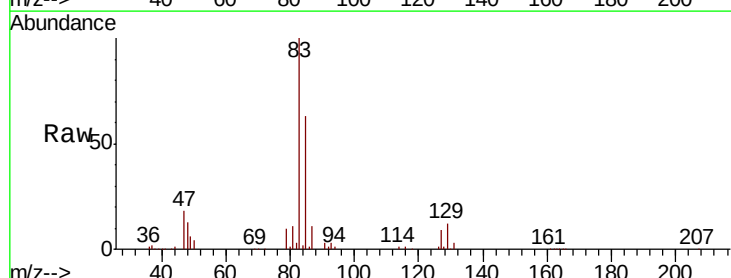
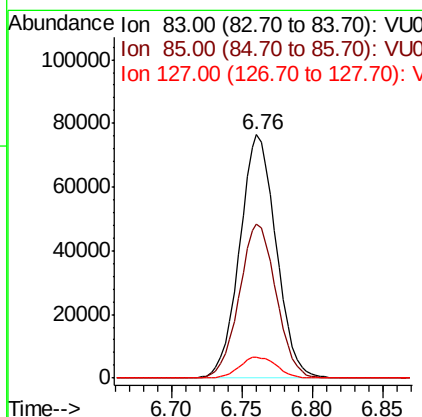
RT: 6.76 min Scan# 1919

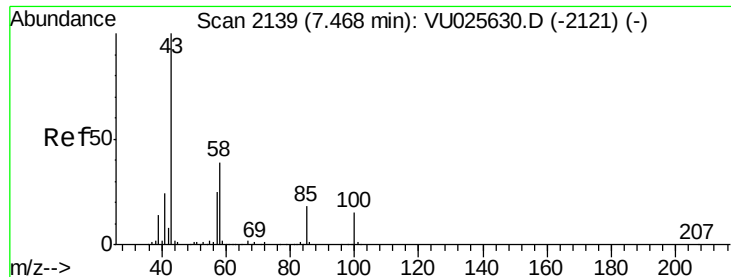
Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Tgt Ion:	83	Resp:	138250
Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.2	78.4
127	8.7	7.0	10.4





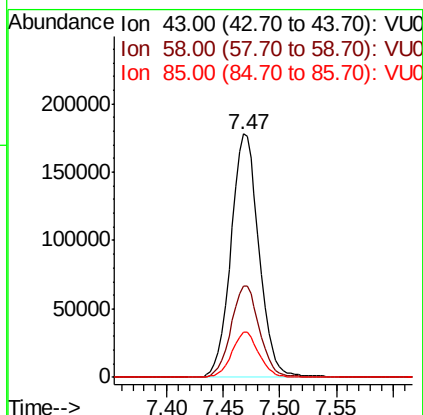
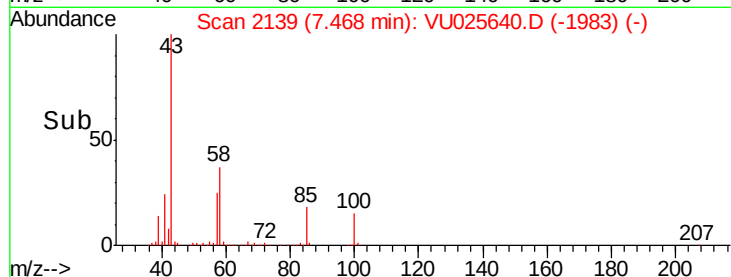
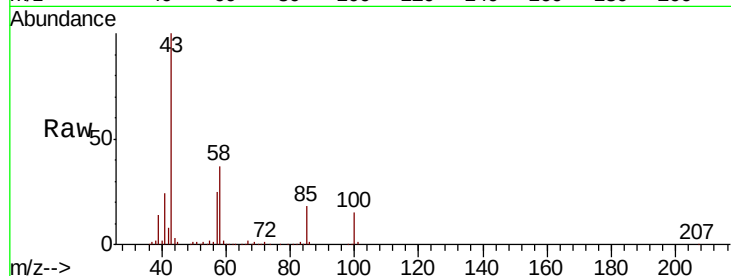
#45
4-Methyl-2-Pentanone
Concen: 50.459 ug/l
RT: 7.47 min Scan# 2139
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.1	18.8	56.4
85	18.0	12.6	19.0

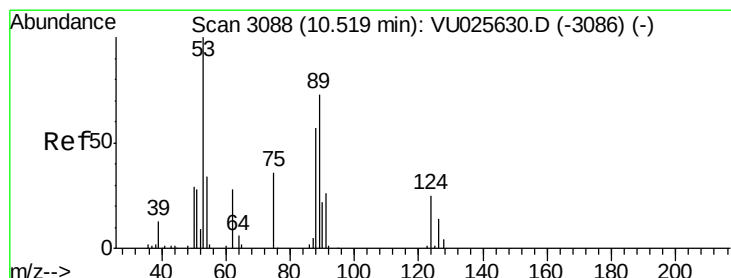
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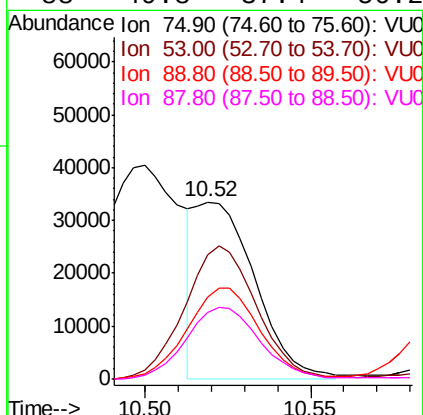
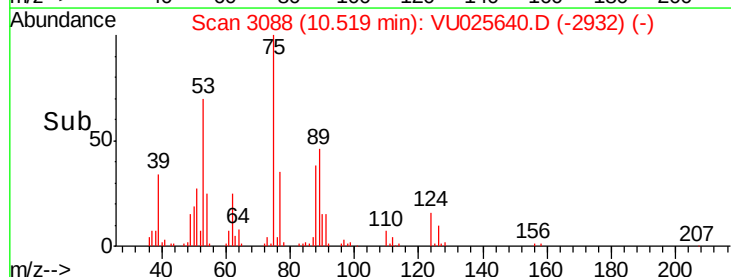
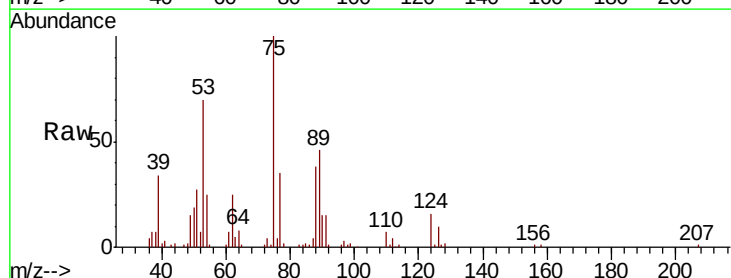
apatel

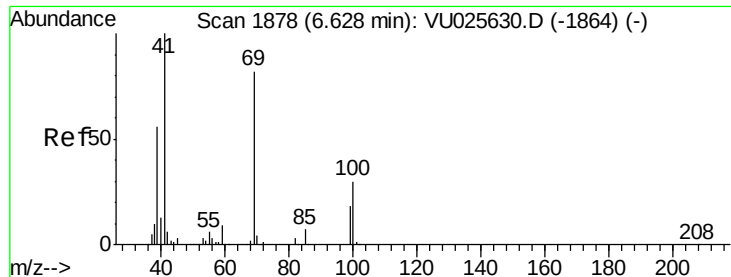
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#46
t-1,4-Dichloro-2-butene
Concen: 16.592 ug/l m
RT: 10.52 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.5	82.2	123.4
89	62.4	51.3	76.9
88	49.8	37.4	56.2





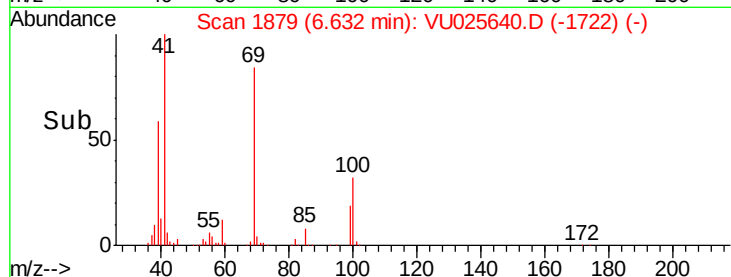
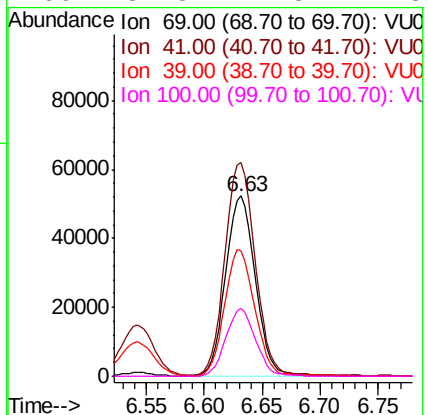
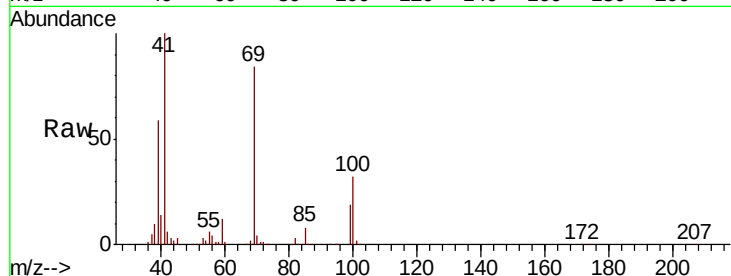
#47
Methyl methacrylate
Concen: 20.441 ug/l
RT: 6.63 min Scan# 1879
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
69	100		
41	119.2	0.0	245.4
39	69.9	49.0	73.4
100	37.3	27.8	41.8

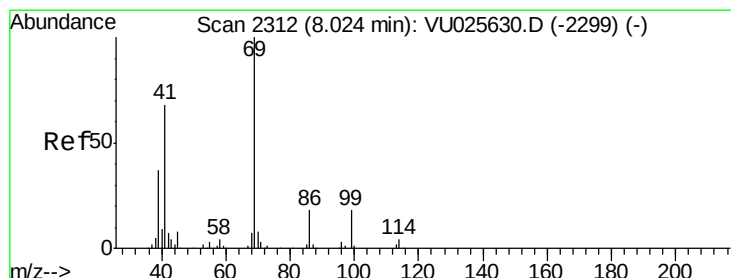
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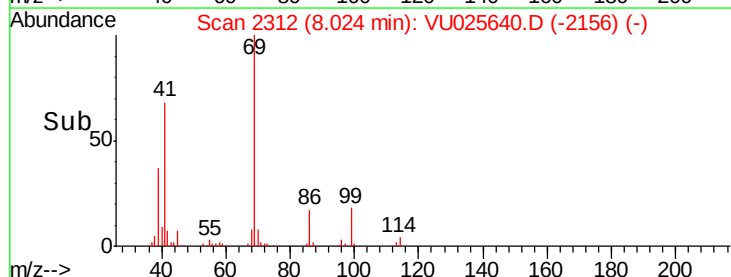
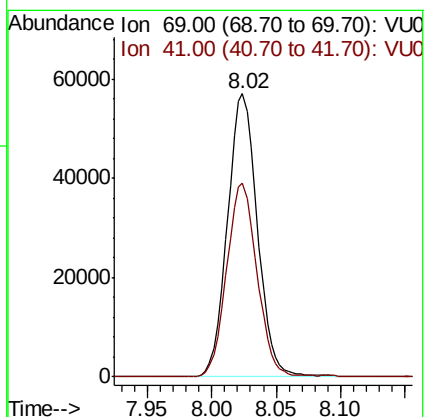
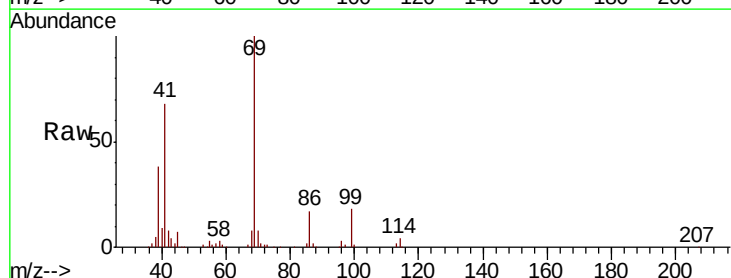
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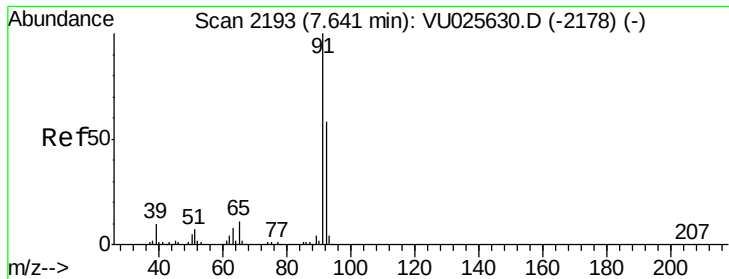
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#48
Ethyl methacrylate
Concen: 10.052 ug/l
RT: 8.02 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.4	34.2	102.5





#49

Toluene

Concen: 10.185 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Tot Ion: 92 Resp: 250523

Ion Ratio Lower Upper

92 100

91 171.7 137.1 205.7

Instrument :

MSVOA_U

ClientSampleId :

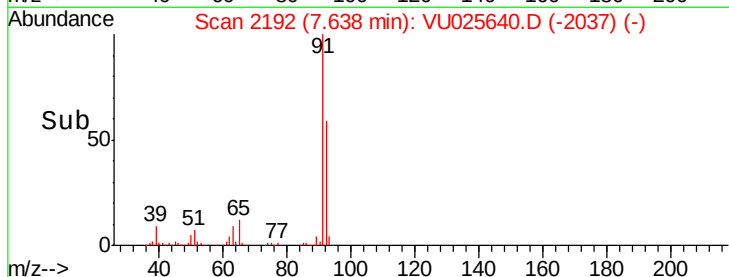
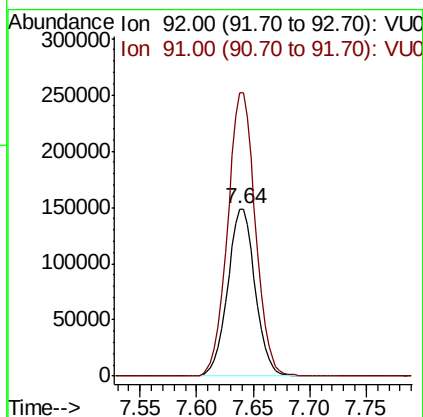
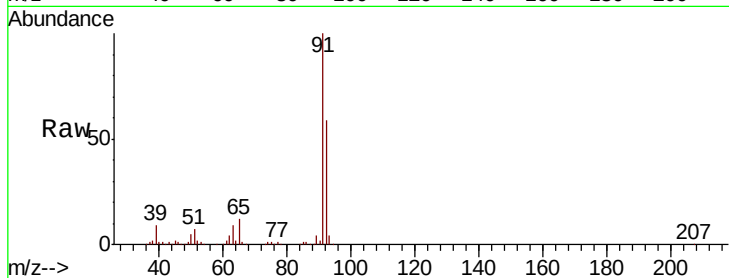
VSTDCCC010EC

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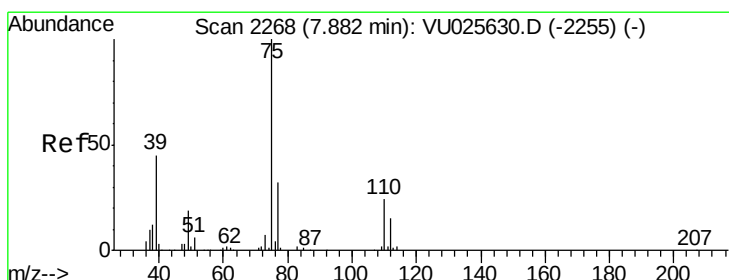
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#50

t-1,3-Dichloropropene

Concen: 10.023 ug/l

RT: 7.89 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VU025640.D

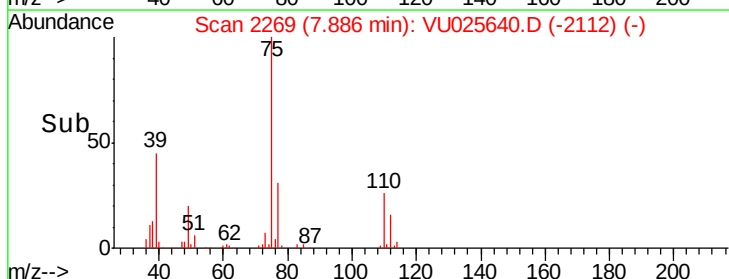
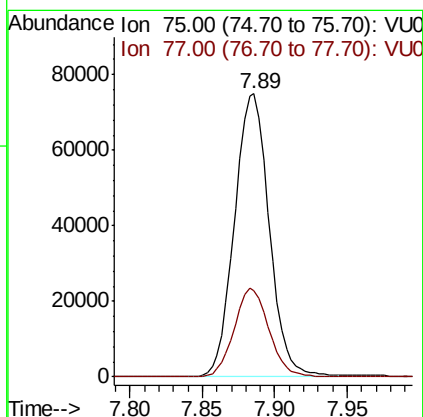
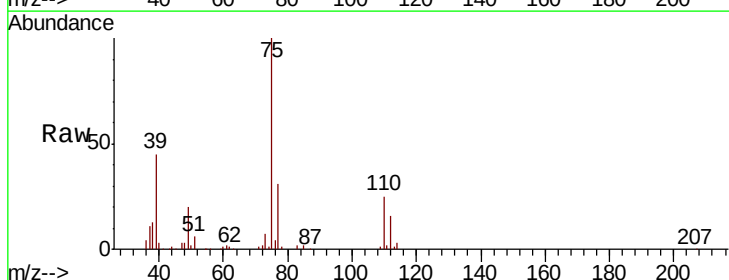
Acq: 25 Jul 2018 19:05

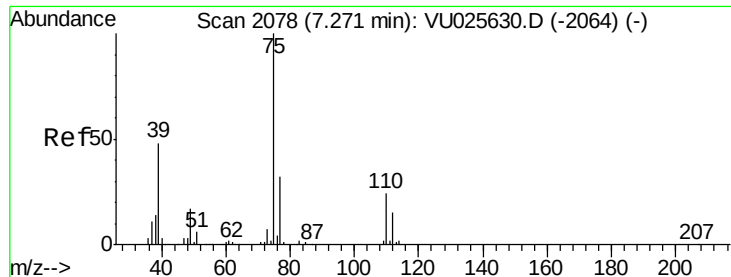
Tgt Ion: 75 Resp: 124997

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8





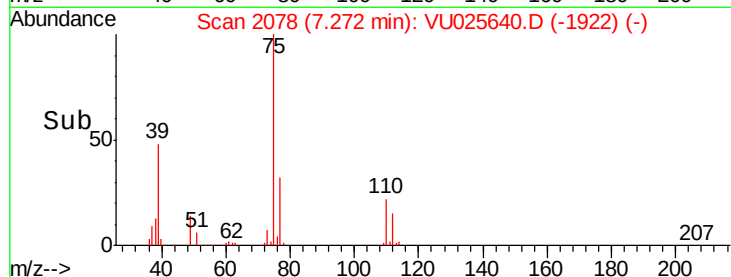
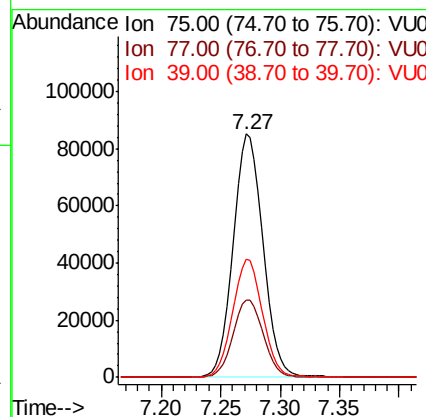
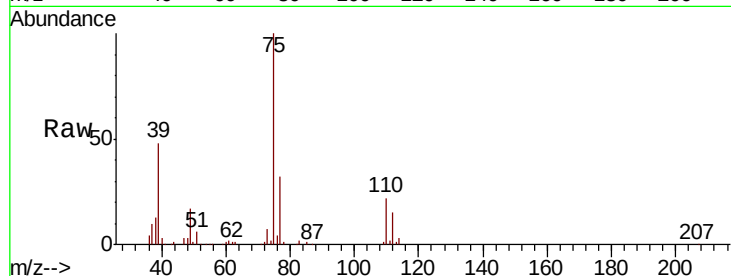
#51
 cis-1,3-Dichloropropene
 Concen: 9.912 ug/l
 RT: 7.27 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.2	37.8
39	48.5	36.4	54.6

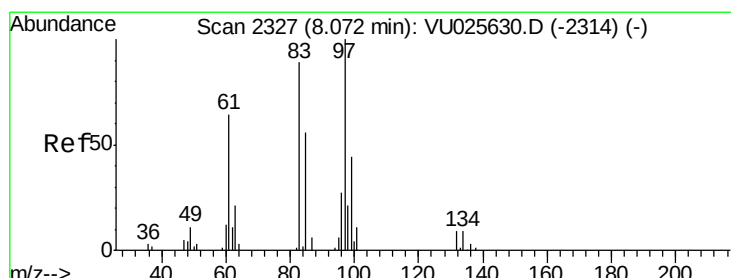
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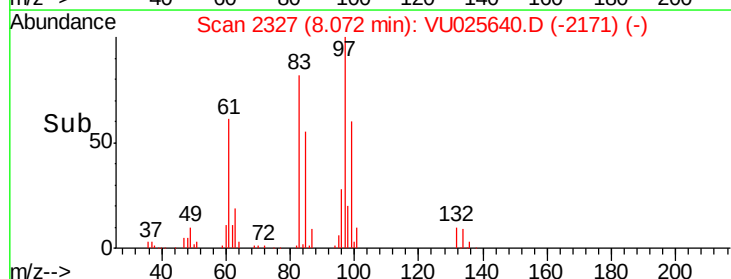
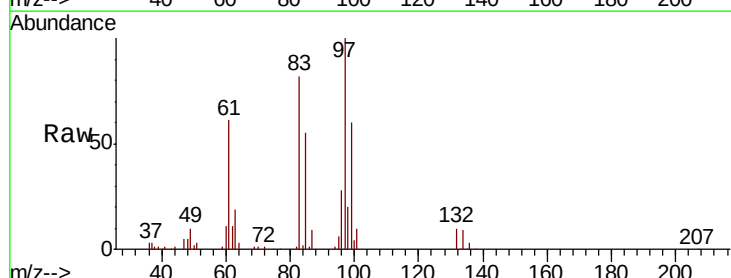
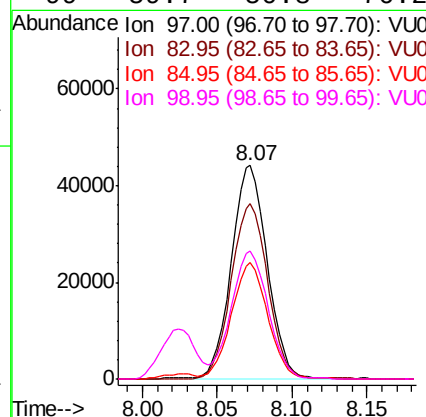
apatel

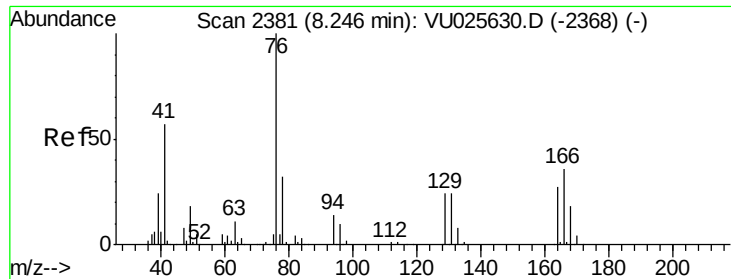
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#52
 1,1,2-Trichloroethane
 Concen: 10.112 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.6	72.6	109.0
85	54.6	47.2	70.8
99	59.7	50.8	76.2





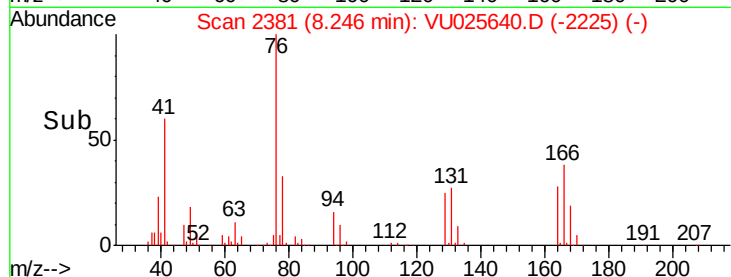
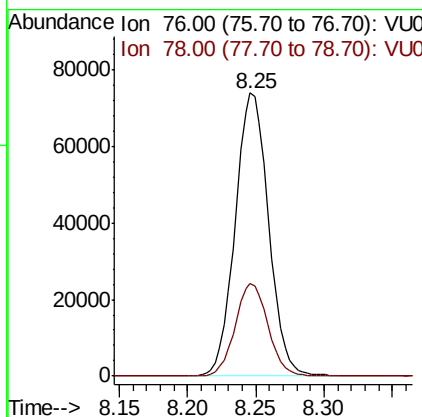
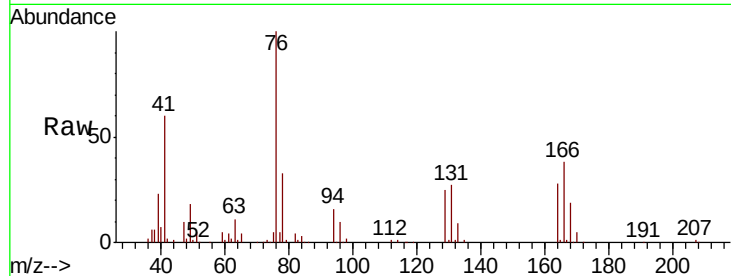
#53
 1,3-Dichloropropane
 Concen: 10.182 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion: 76 Resp: 125641
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5

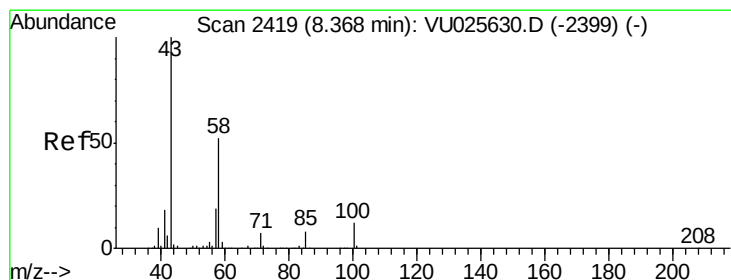
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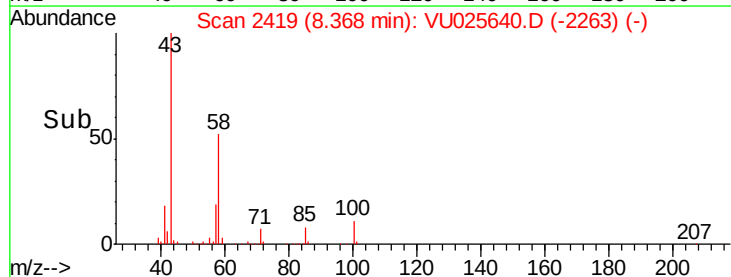
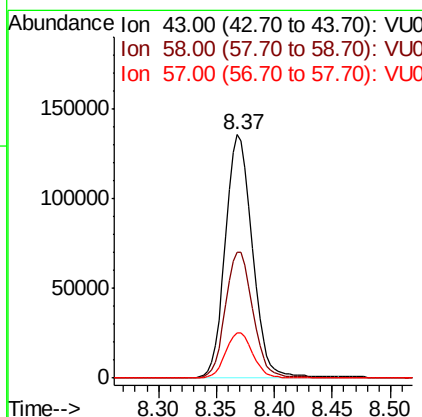
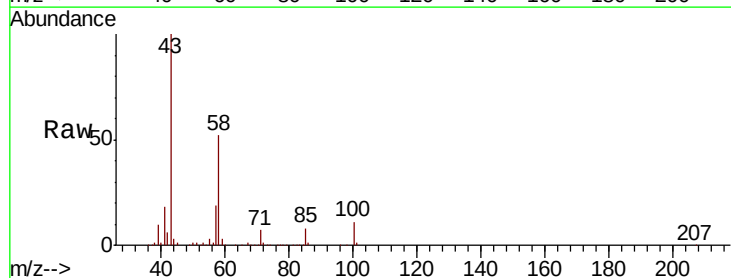
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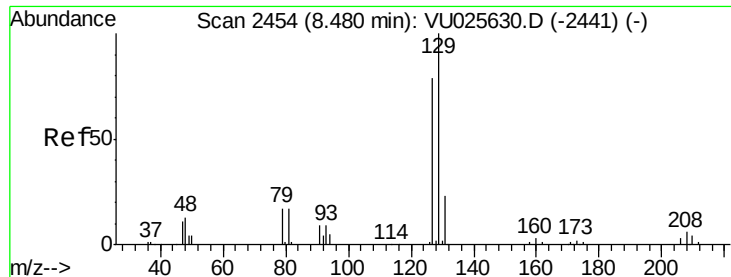
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#54
 2-Hexanone
 Concen: 51.002 ug/l
 RT: 8.37 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Tgt Ion: 43 Resp: 218998
 Ion Ratio Lower Upper
 43 100
 58 52.6 32.5 72.5
 57 18.8 0.0 37.9





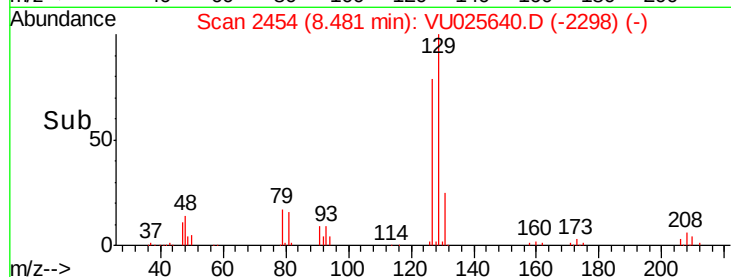
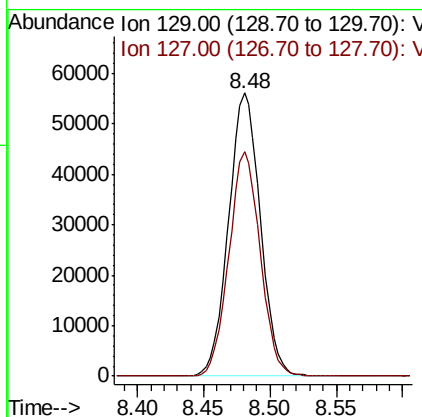
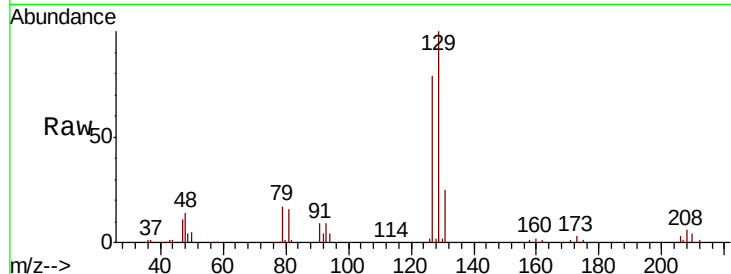
#55
Dibromochloromethane
Concen: 10.058 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:129 Resp: 93474
Ion Ratio Lower Upper
129 100
127 78.0 61.1 91.7

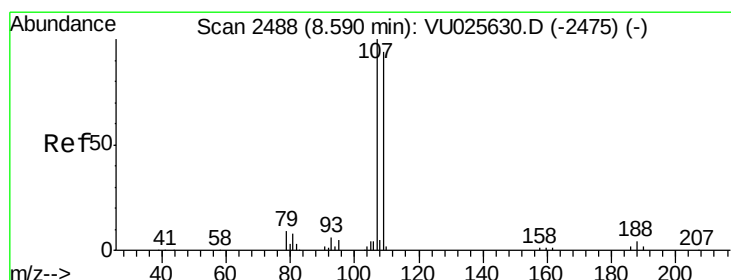
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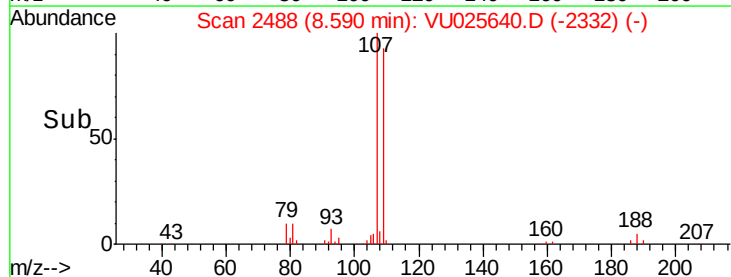
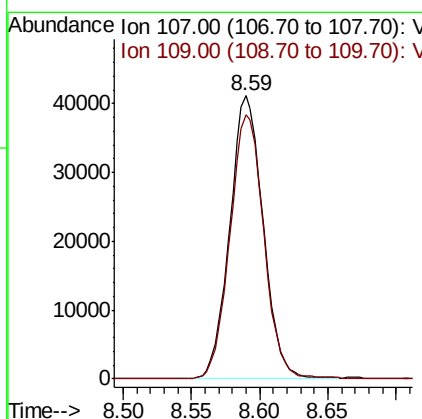
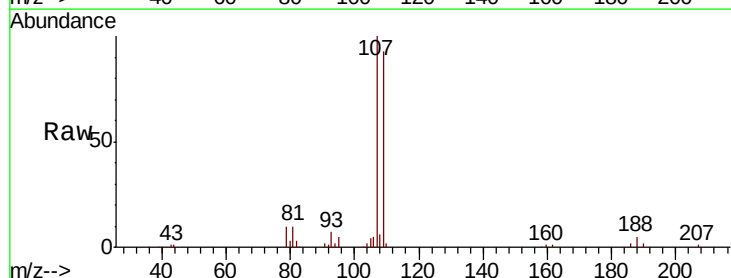
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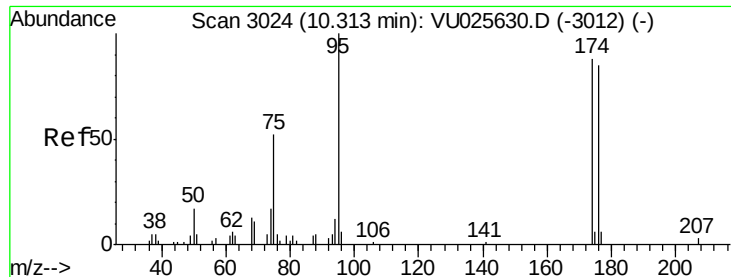
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#56
1,2-Dibromoethane
Concen: 9.892 ug/l
RT: 8.59 min Scan# 2488
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion:107 Resp: 69967
Ion Ratio Lower Upper
107 100
109 94.7 0.0 189.0





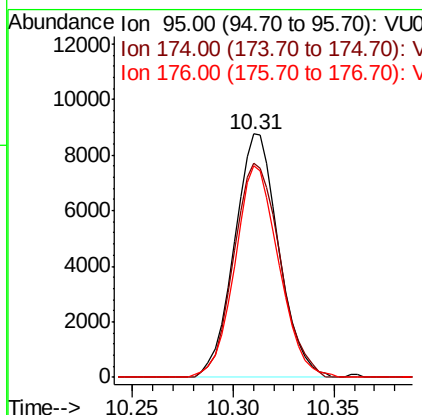
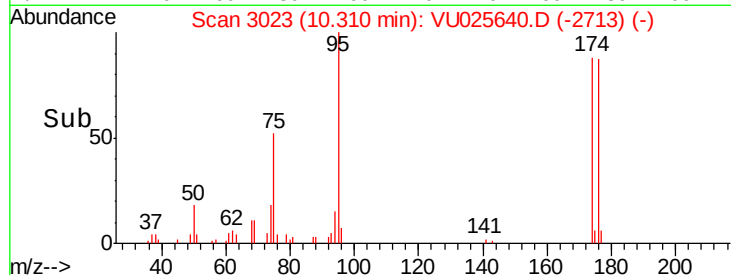
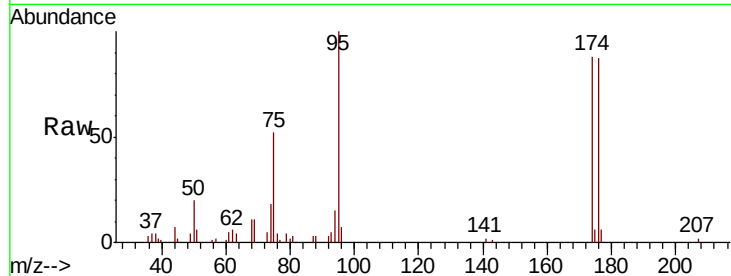
#57
4-Bromofluorobenzene
Concen: 9.892 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Resp	Lower	Upper
95	100	13468		
174	92.0	65.6	98.4	
176	86.3	62.0	93.0	

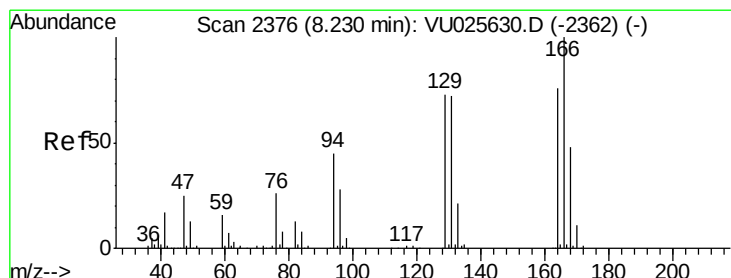
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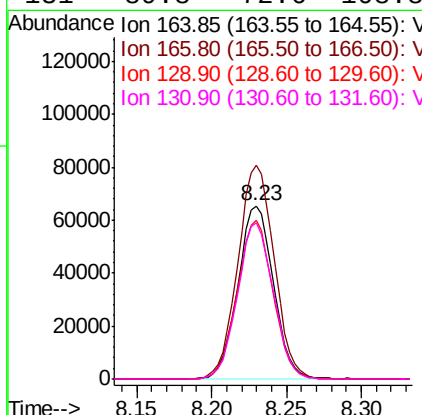
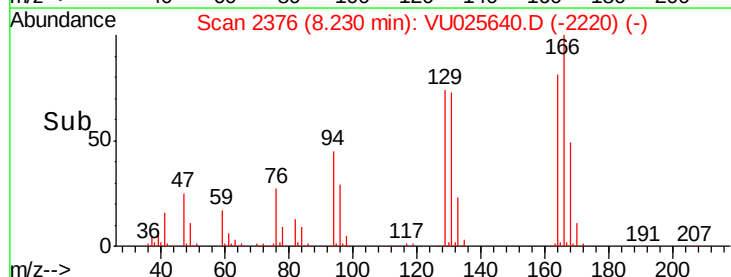
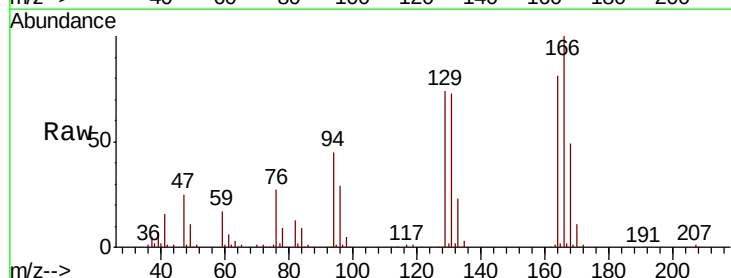
apatel

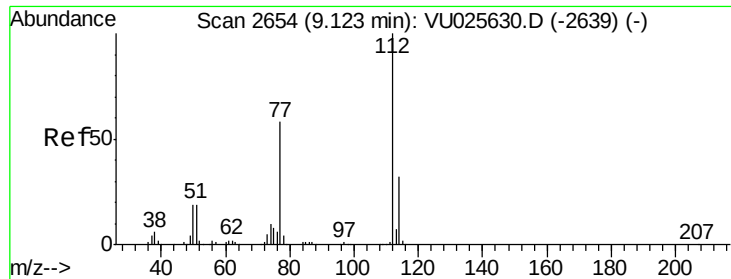
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#58
Tetrachloroethene
Concen: 10.177 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108455		
166	123.2	104.1	156.1	
129	91.6	76.8	115.2	
131	89.8	72.6	108.8	





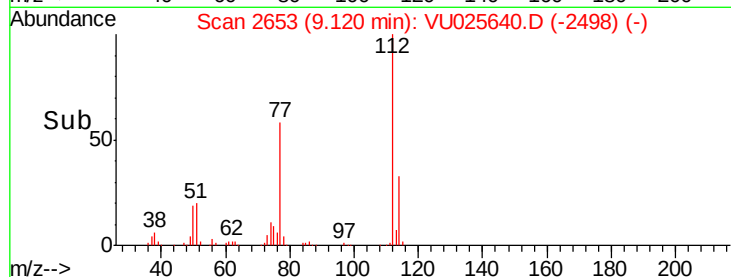
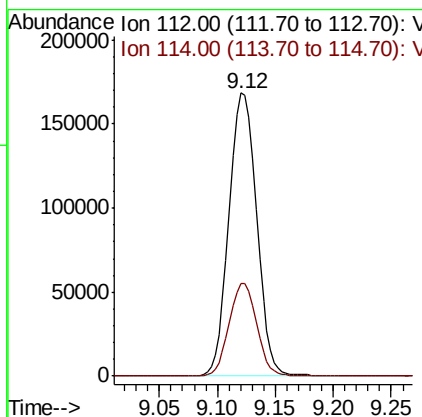
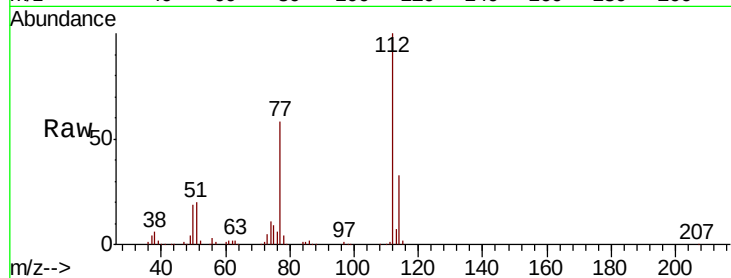
#59
Chlorobenzene
Concen: 9.876 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.4	38.2

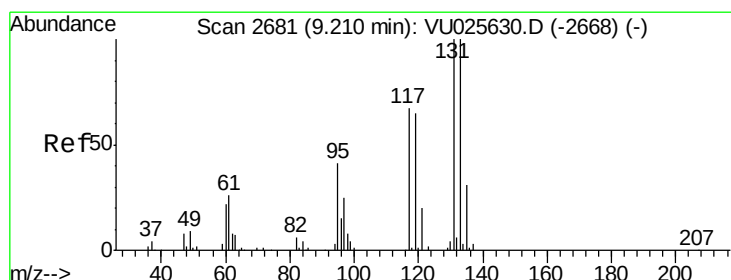
Manual Integrations
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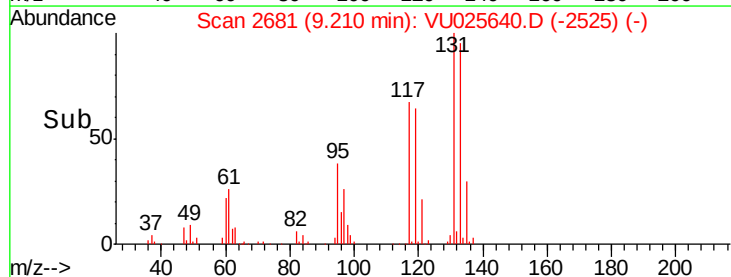
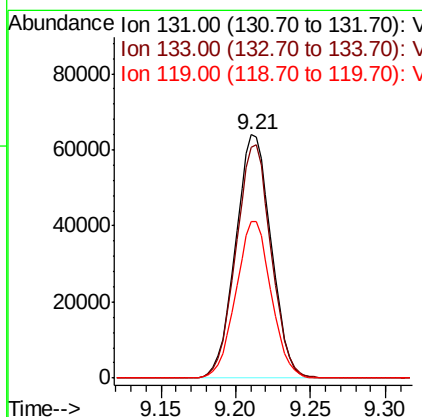
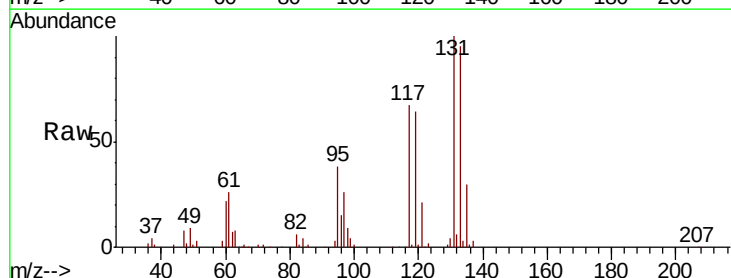
apatel

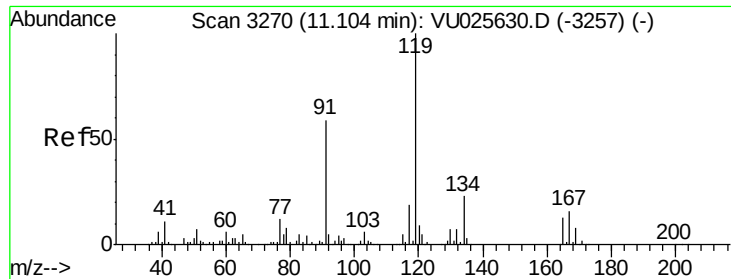
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#60
1,1,1,2-Tetrachloroethane
Concen: 10.076 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	75.8	113.8
119	63.9	53.0	79.6





#61

Pentachloroethane

Concen: 10.209 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Tot Ion:117 Resp: 81835

Ion Ratio Lower Upper

117 100

167 87.6 69.2 103.8

Instrument :

MSVOA_U

ClientSampleId :

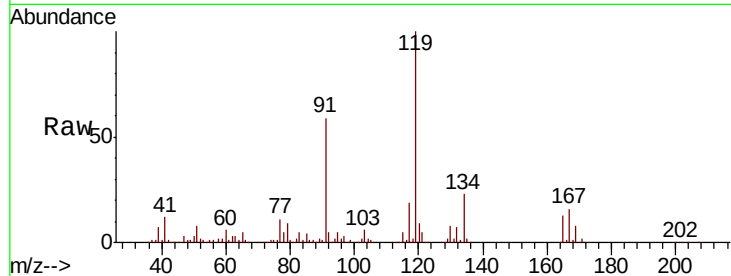
VSTDCCC010EC

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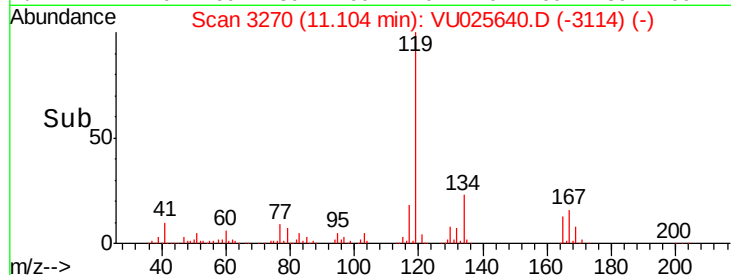
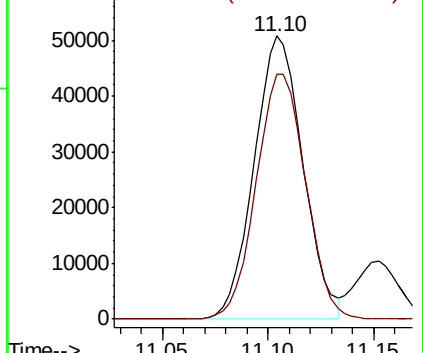
apatel

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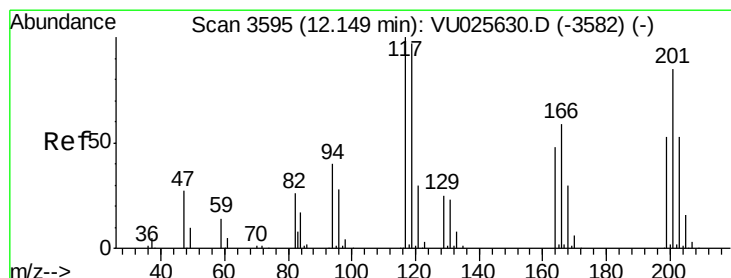
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



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#62

Hexachloroethane

Concen: 10.189 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025640.D

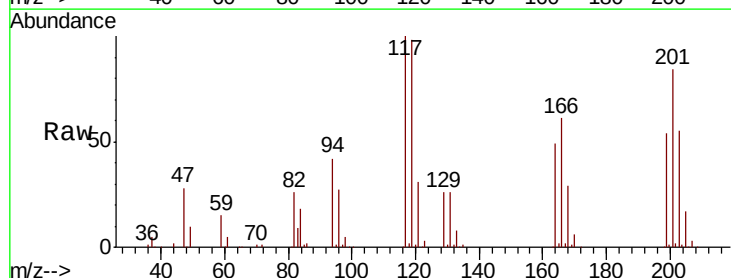
Acq: 25 Jul 2018 19:05

Tgt Ion:117 Resp: 83402

Ion Ratio Lower Upper

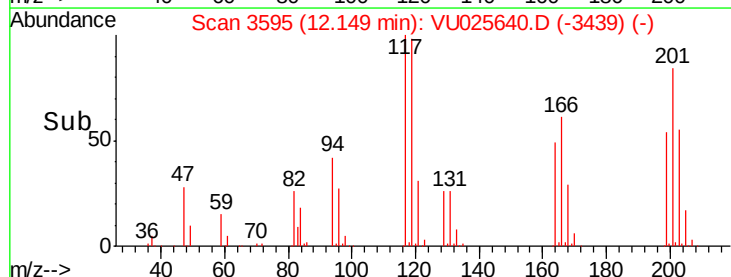
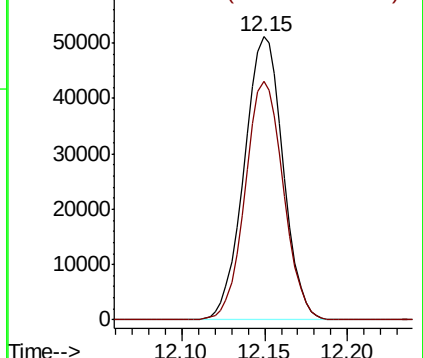
117 100

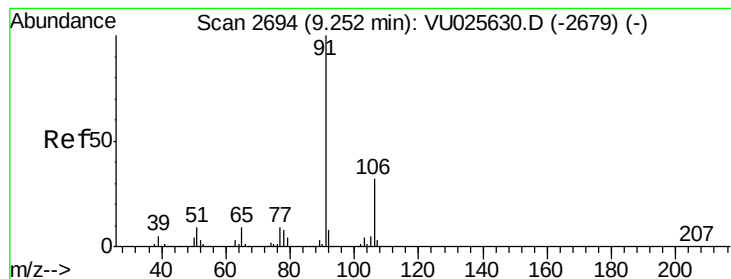
201 83.1 68.7 103.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 10.268 ug/l

RT: 9.25 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 483168

Ion Ratio Lower Upper

91 100

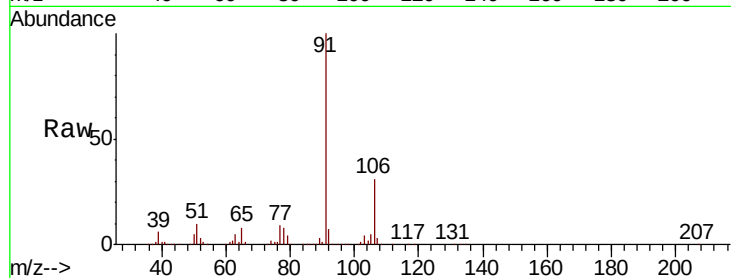
106 31.2 24.7 37.1

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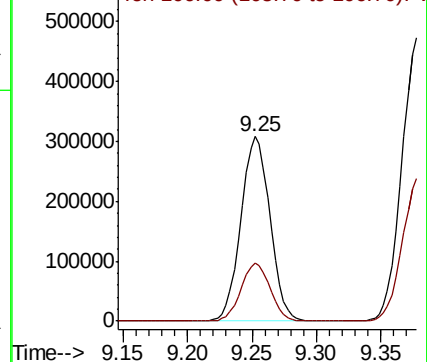
apatel

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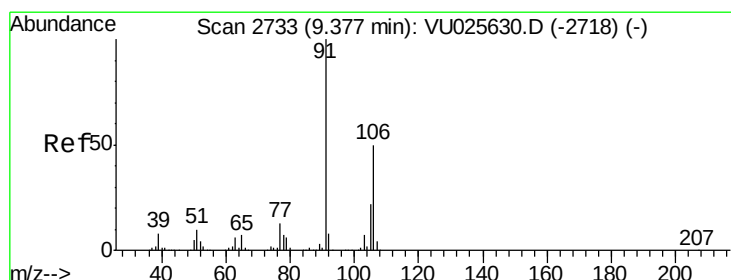
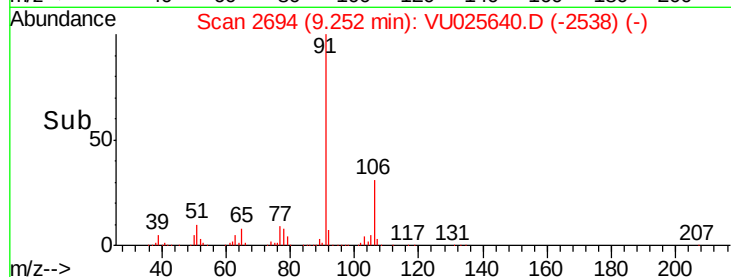
Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V



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#64

m/p-Xylenes

Concen: 20.921 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025640.D

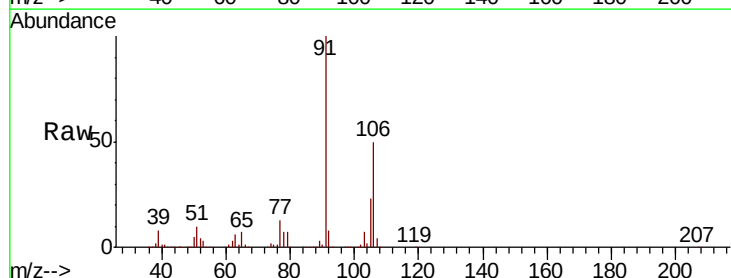
Acq: 25 Jul 2018 19:05

Tgt Ion: 106 Resp: 386888

Ion Ratio Lower Upper

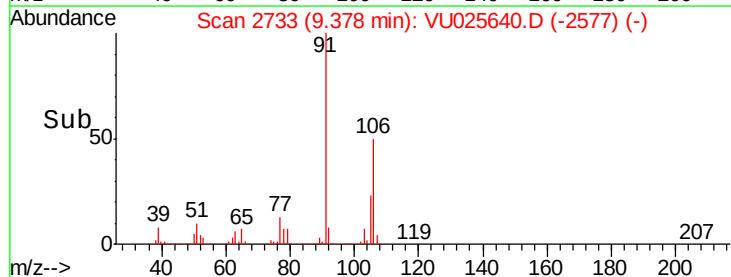
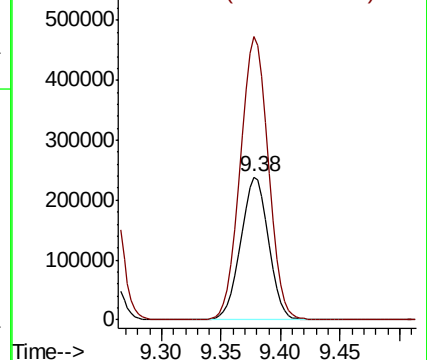
106 100

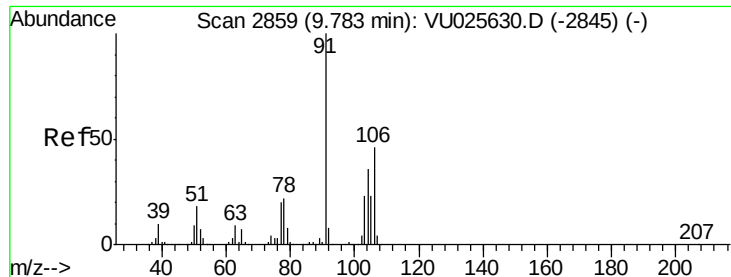
91 199.6 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#65

o-Xylene

Concen: 10.366 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:106 Resp: 182681

Ion Ratio Lower Upper

106 100

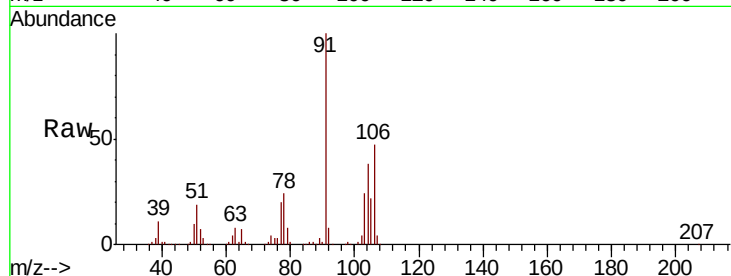
91 213.3 107.9 323.7

Manual Integrations

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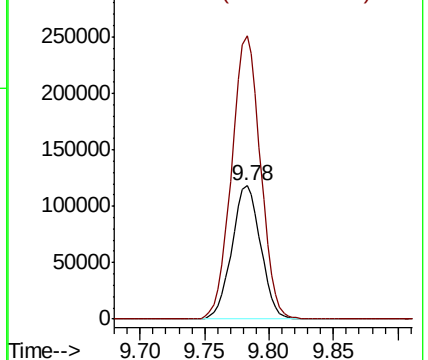
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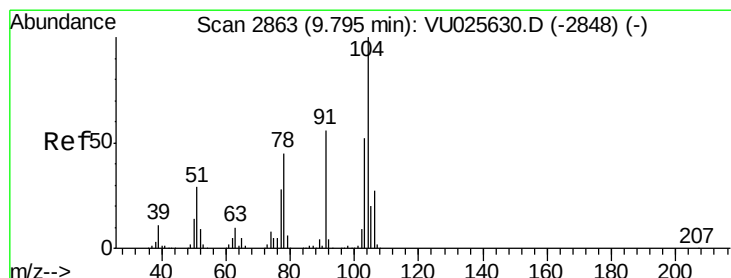
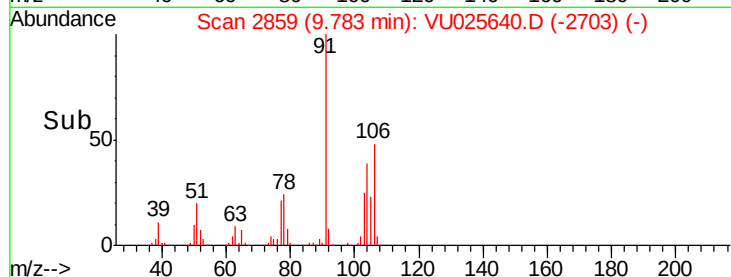
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



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#66

Styrene

Concen: 10.276 ug/l

RT: 9.80 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

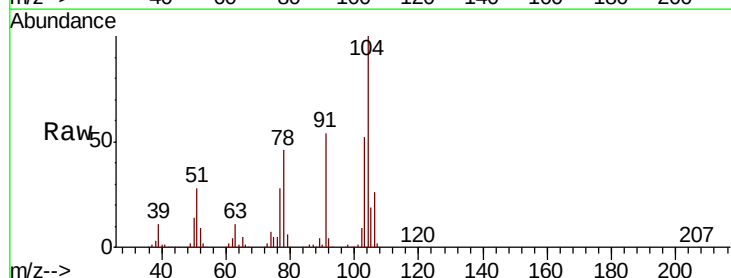
Tgt Ion:104 Resp: 307560

Ion Ratio Lower Upper

104 100

78 51.4 40.2 60.2

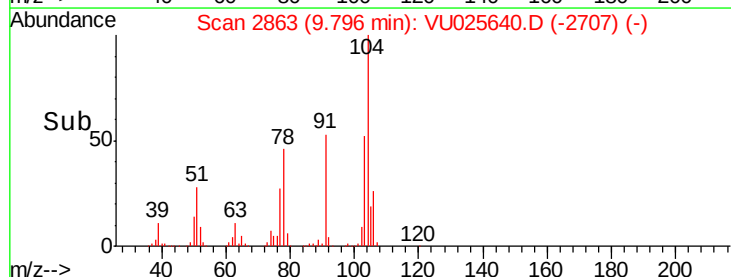
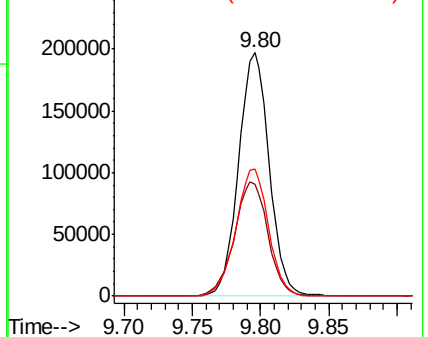
103 55.7 44.2 66.4

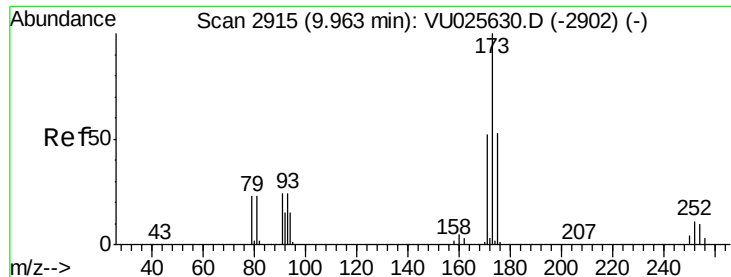


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





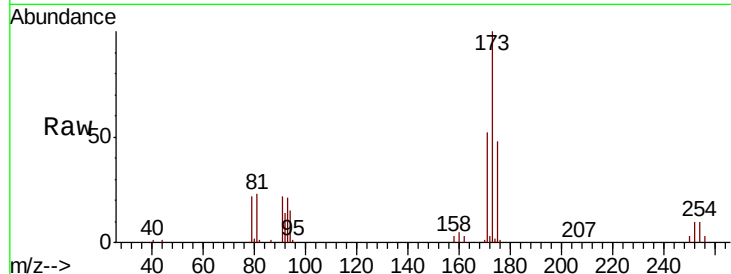
#67
Bromoform
Concen: 9.760 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	38.6	57.8
254	9.2	8.8	13.2

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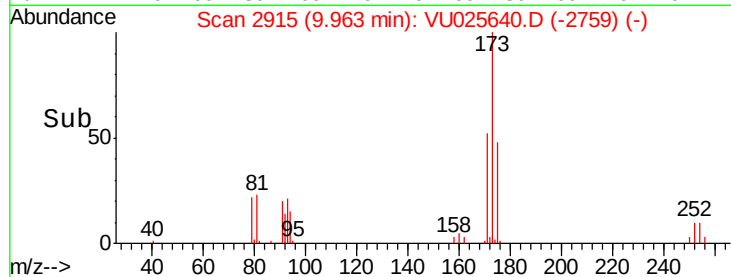
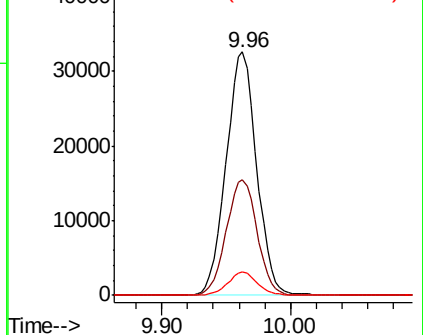


Abundance

Ion 172.90 (172.60 to 173.60): V

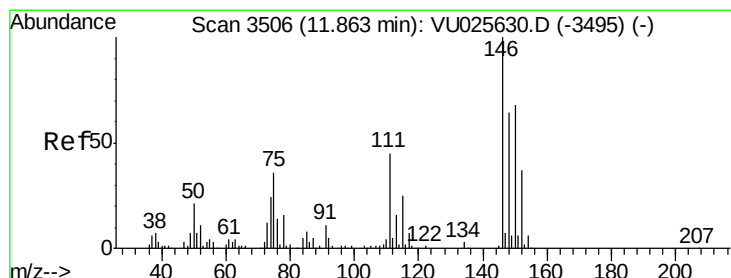
Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



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#68
1,2-Dichlorobenzene-d4
Concen: 9.760 ug/l
RT: 11.86 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

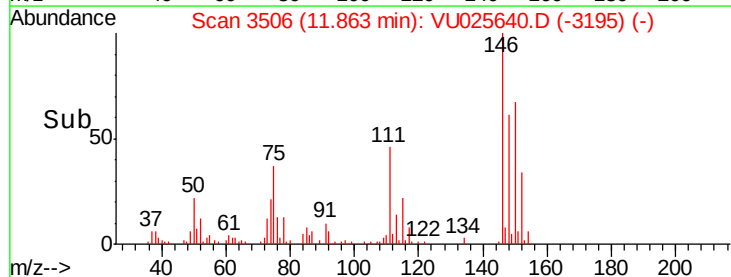
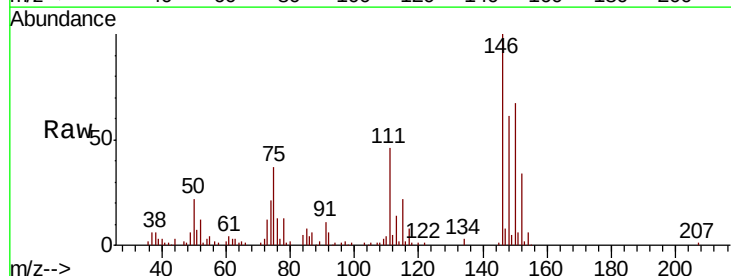
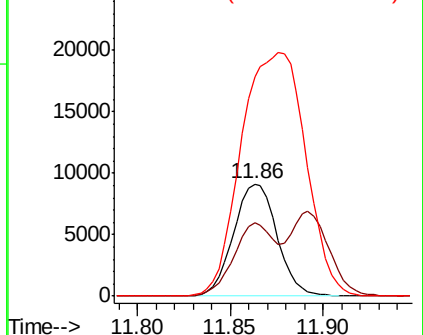
Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	0.0	118.8
150	321.7	0.0	0.0#

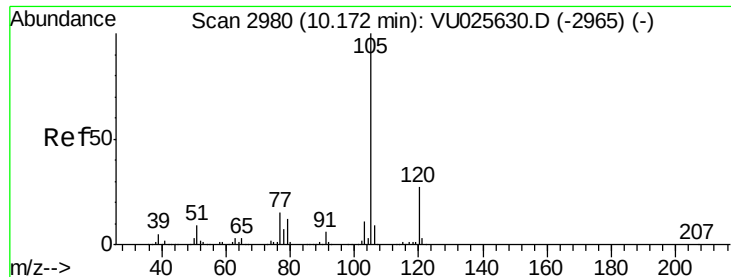
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 10.398 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 495159

Ion Ratio Lower Upper

105 100

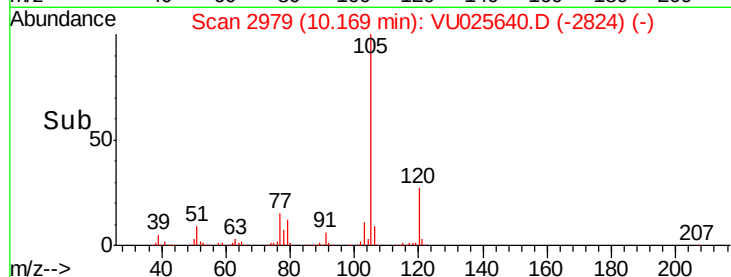
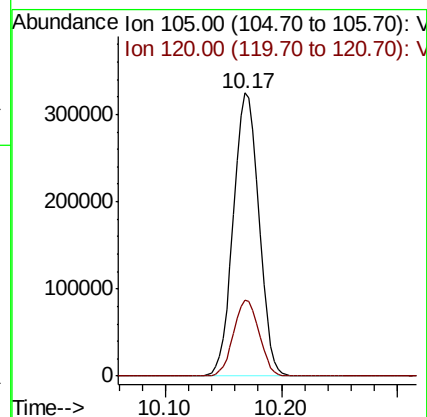
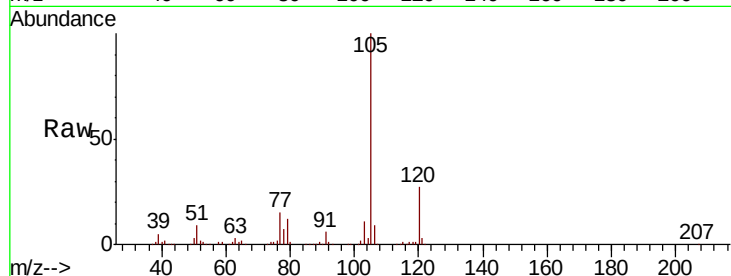
120 26.8 13.1 39.3

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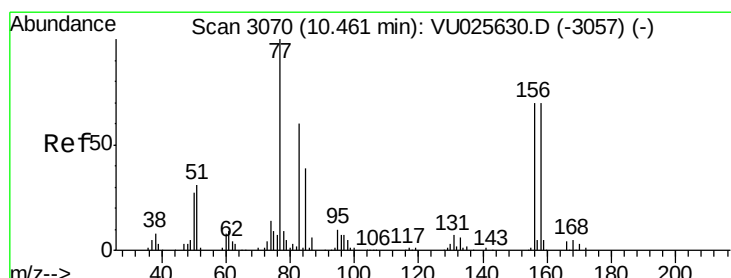
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#70

1,1,2,2-Tetrachloroethane

Concen: 9.879 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

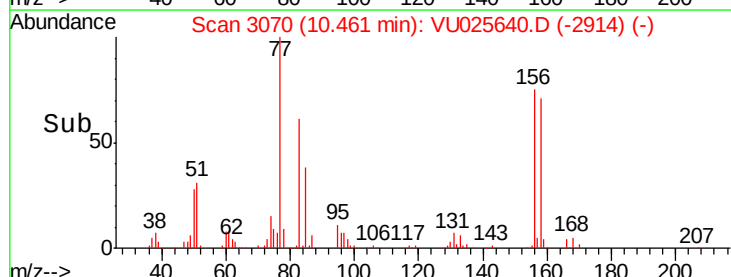
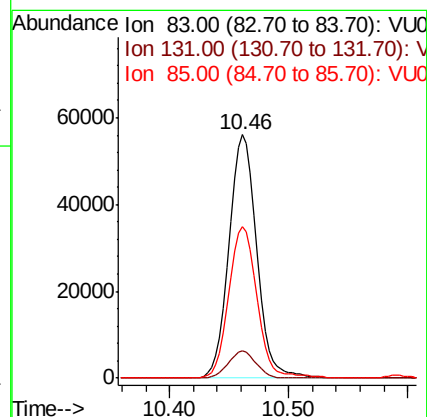
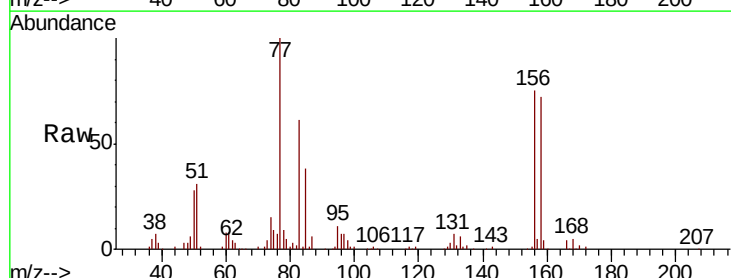
Tgt Ion: 83 Resp: 90724

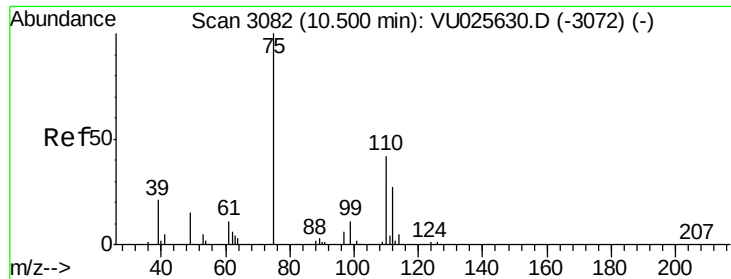
Ion Ratio Lower Upper

83 100

131 11.0 7.9 11.9

85 63.7 51.8 77.6





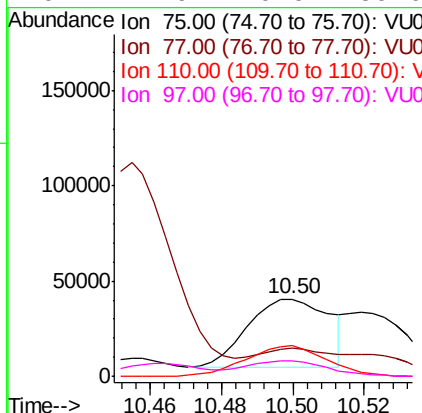
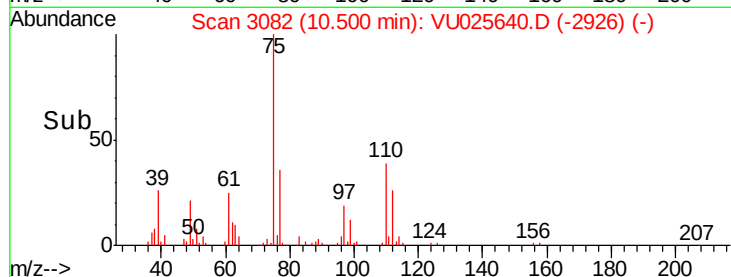
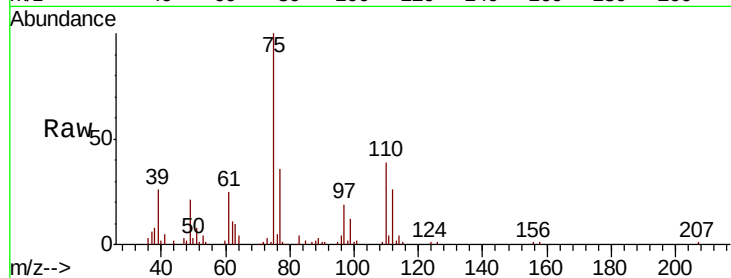
#71
1,2,3-Trichloropropane
Concen: 8.000 ug/l
RT: 10.50 min Scan# 3082
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	9.6	0.0	0.0#
110	44.2	0.0	74.0
97	21.9	0.0	39.6

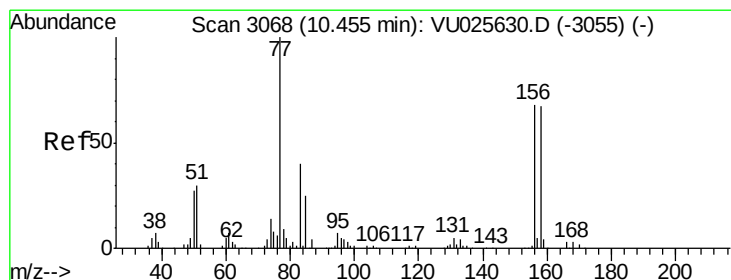
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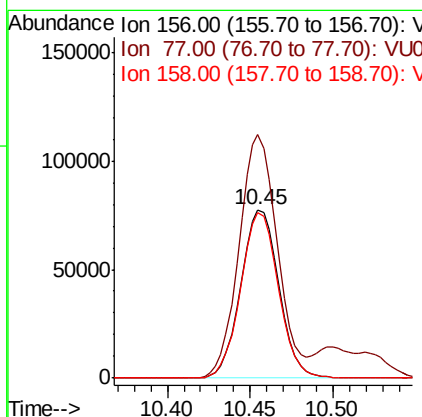
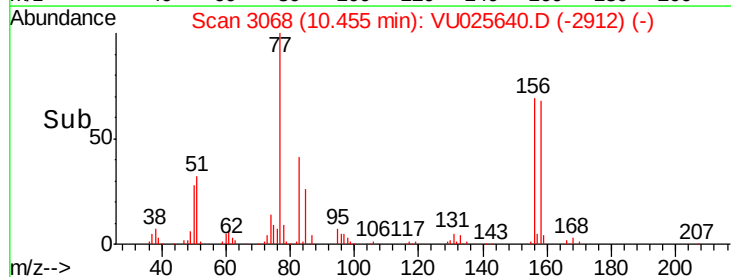
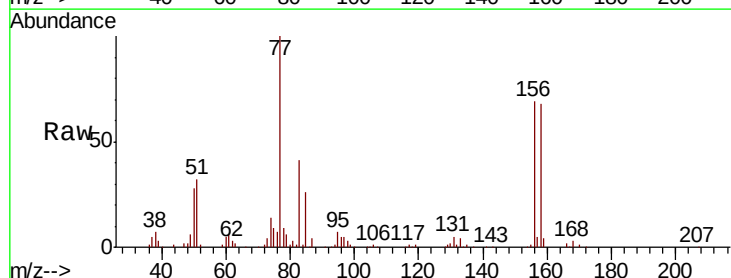
apatel

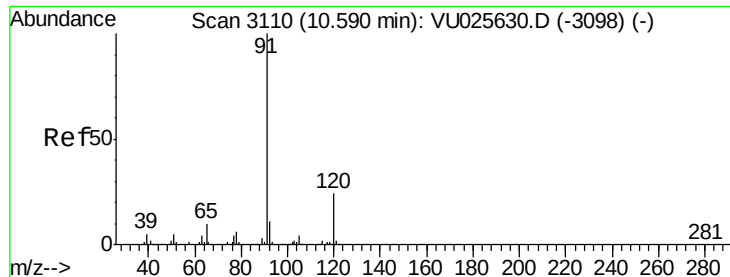
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#72
Bromobenzene
Concen: 10.040 ug/l
RT: 10.45 min Scan# 3068
Delta R.T. 0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
156	100		
77	145.3	0.0	309.8
158	97.6	0.0	193.0





#73

n-propylbenzene

Concen: 10.674 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:120 Resp: 143231

Ion Ratio Lower Upper

120 100

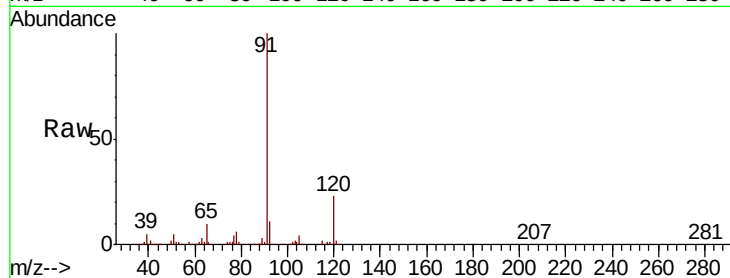
91 422.1 352.2 528.4

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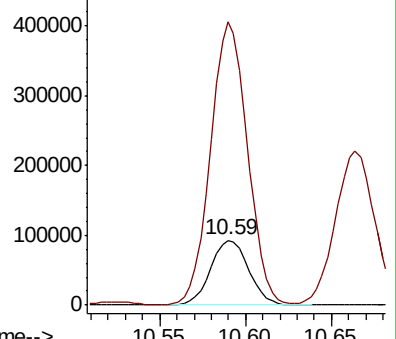
apatel

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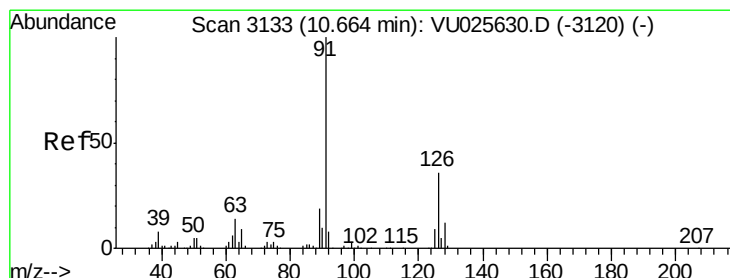
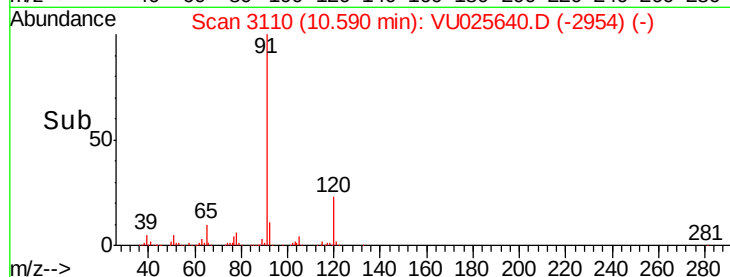
Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



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#74

2-Chlorotoluene

Concen: 10.200 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025640.D

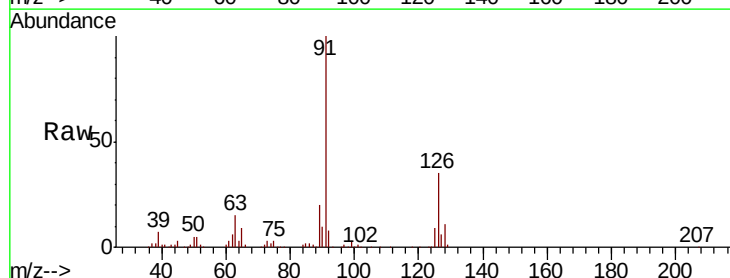
Acq: 25 Jul 2018 19:05

Tgt Ion:126 Resp: 120490

Ion Ratio Lower Upper

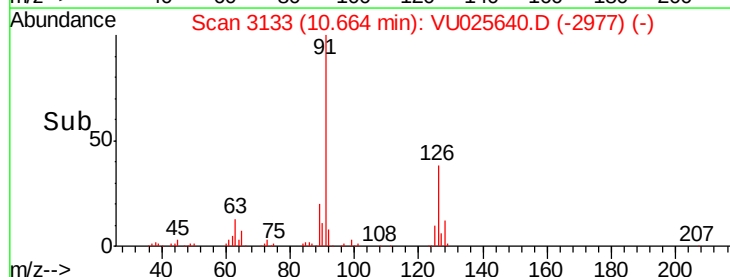
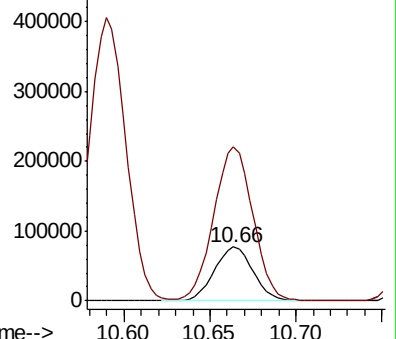
126 100

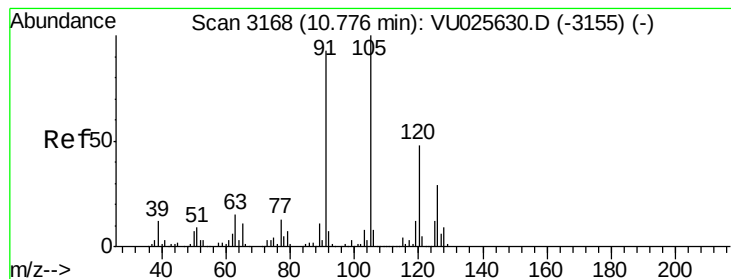
91 287.2 0.0 613.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 10.452 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 434609

Ion Ratio Lower Upper

105 100

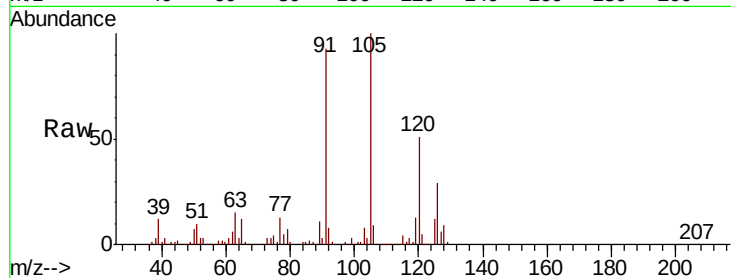
120 50.0 39.0 58.6

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.78

300000

200000

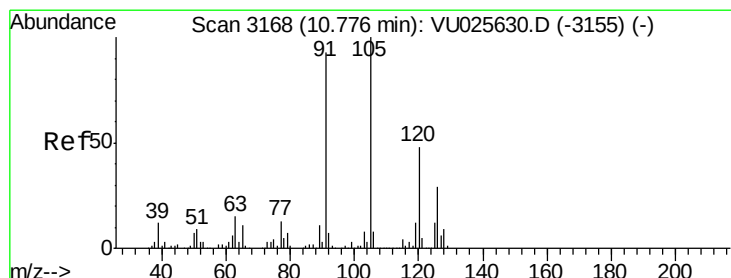
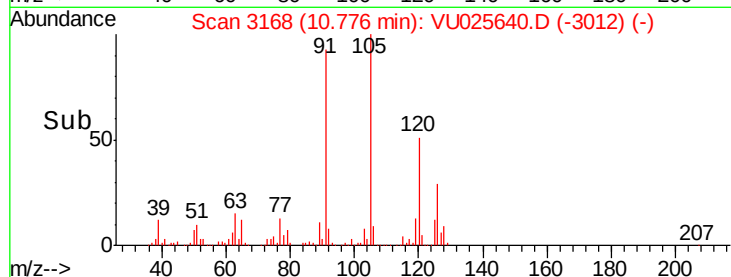
100000

0

Time--> 10.70 10.80 10.90

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#76

4-Chlorotoluene

Concen: 10.199 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025640.D

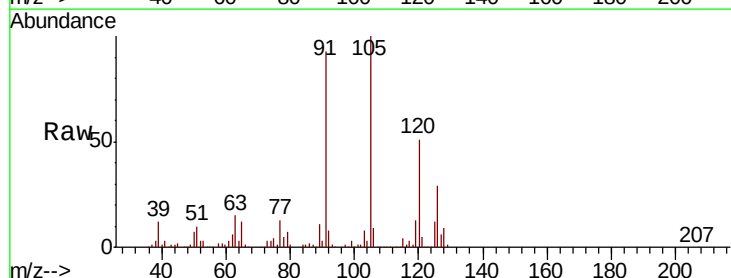
Acq: 25 Jul 2018 19:05

Tgt Ion:126 Resp: 126643

Ion Ratio Lower Upper

126 100

91 327.5 0.0 667.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.78

300000

250000

200000

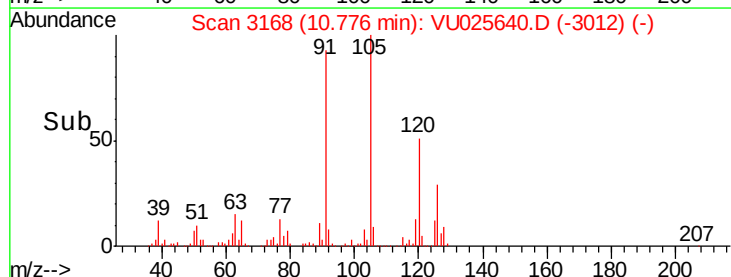
150000

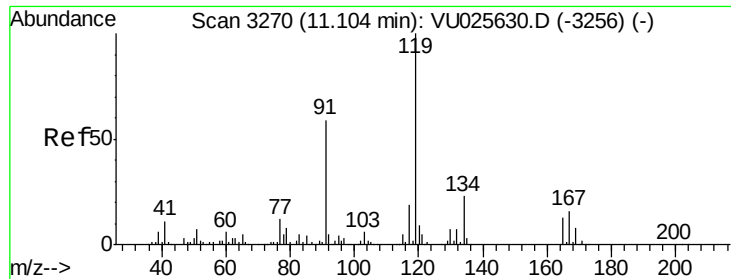
100000

50000

0

Time--> 10.70 10.75 10.80 10.85





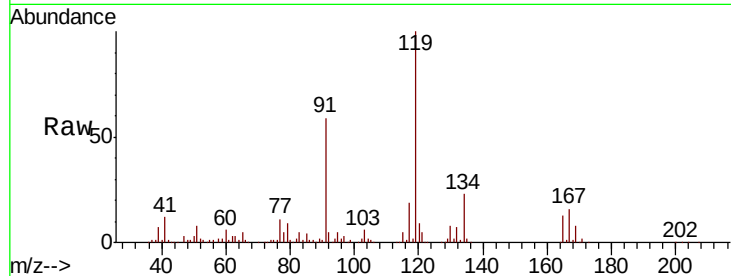
#77
 tert-Butylbenzene
 Concen: 10.321 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

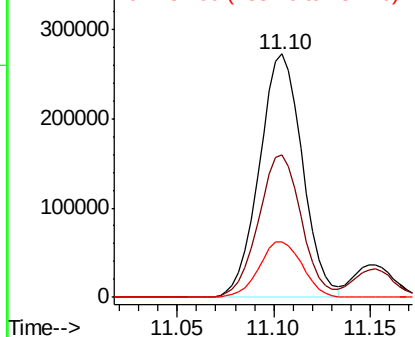
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.6	88.8
134	23.1	19.1	28.7

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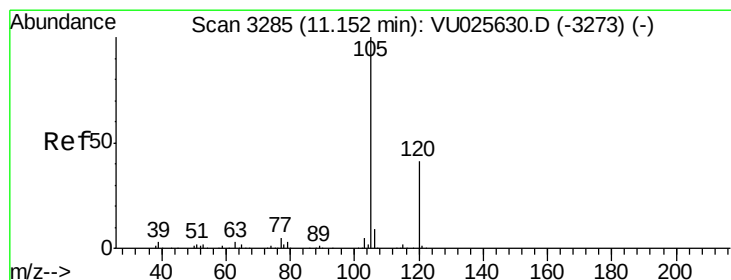
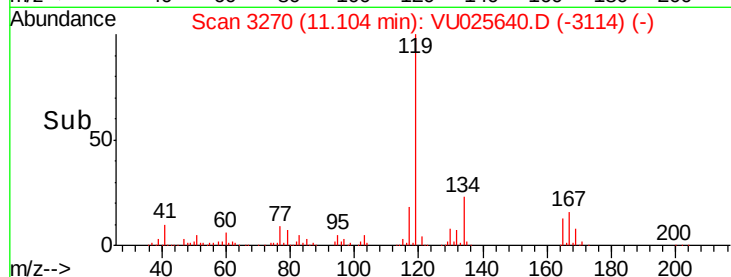


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V



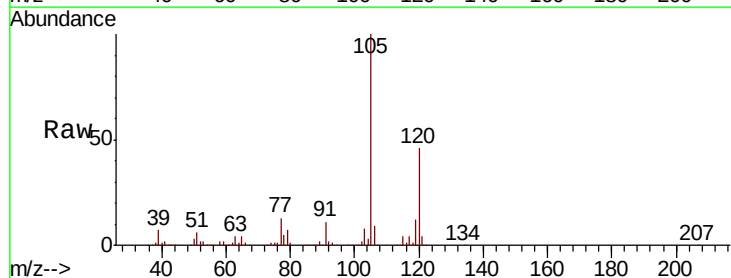
apatel

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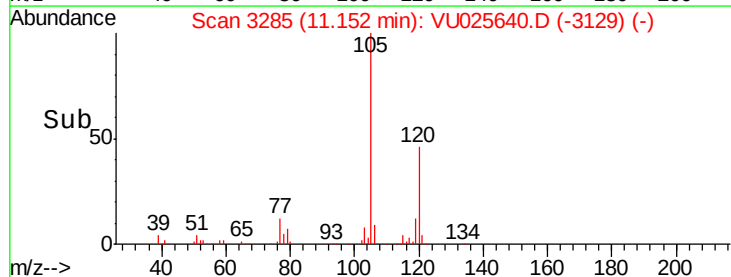
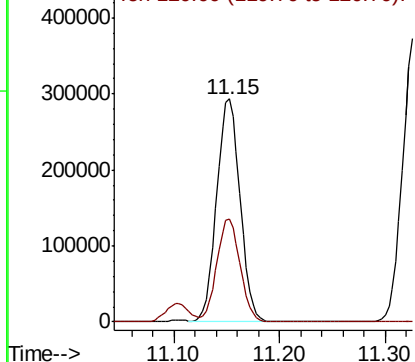


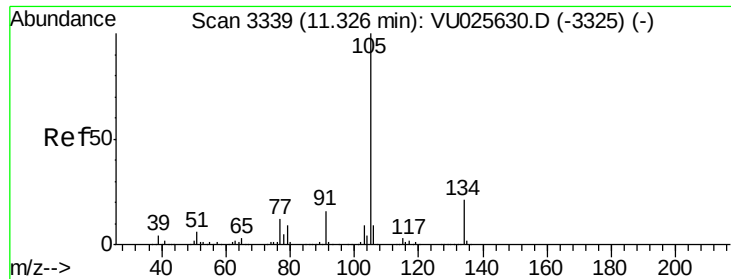
#78
 1,2,4-Trimethylbenzene
 Concen: 10.640 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 10.535 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 105 Resp: 567626

Ion Ratio Lower Upper

105 100

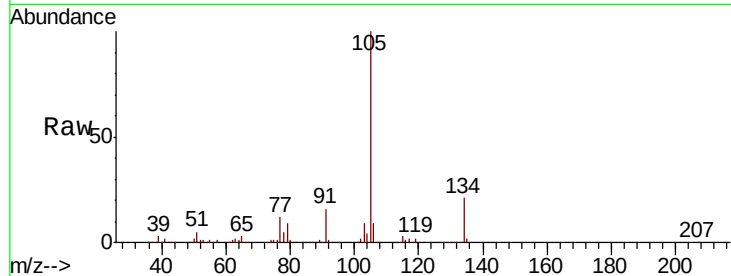
134 20.8 15.6 23.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

400000

300000

200000

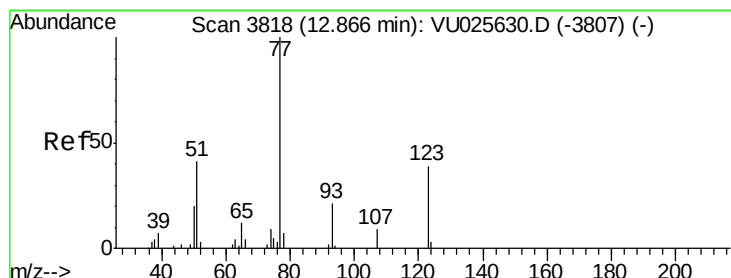
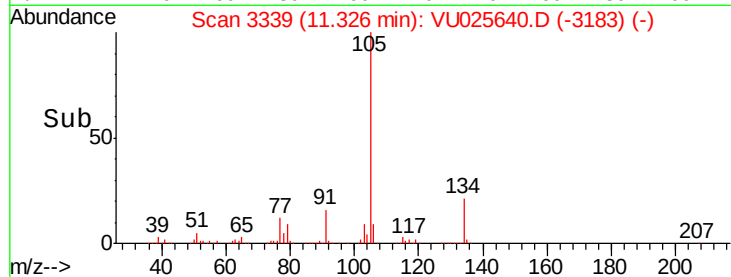
100000

0

Time-->

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#80

Nitrobenzene

Concen: 50.546 ug/l

RT: 12.87 min Scan# 3818

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

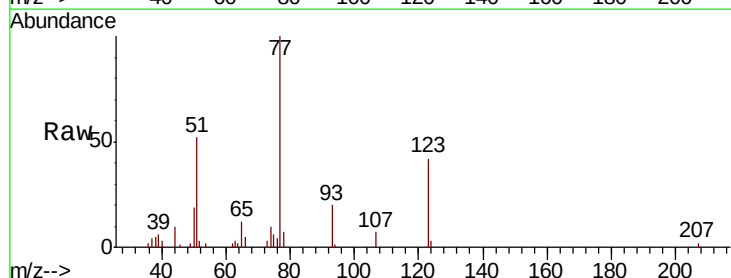
Tgt Ion: 77 Resp: 14130

Ion Ratio Lower Upper

77 100

123 45.2 19.4 68.6

65 14.1 11.2 14.2



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

12.87

10000

8000

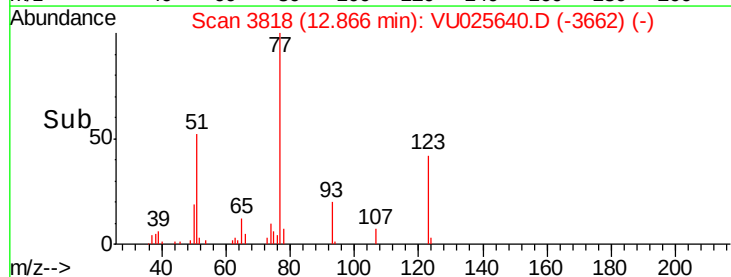
6000

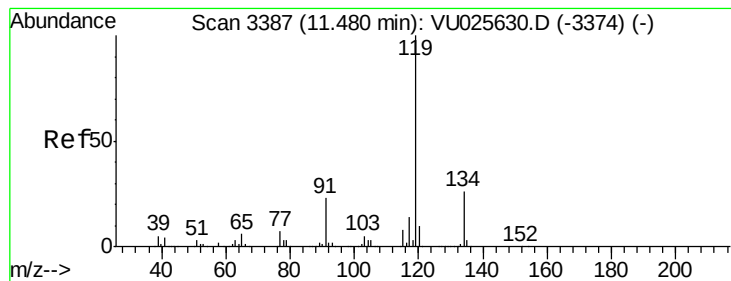
4000

2000

0

Time-->





#81

p-Isopropyltoluene

Concen: 10.795 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampleId :

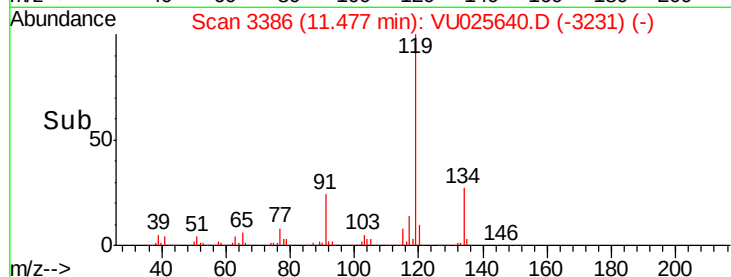
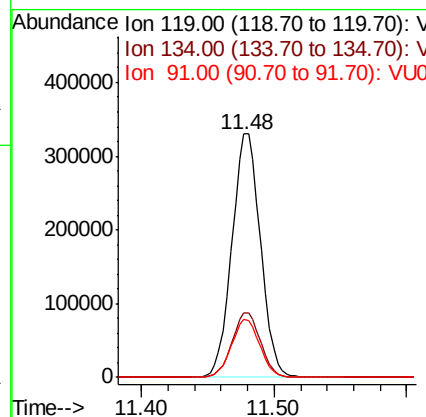
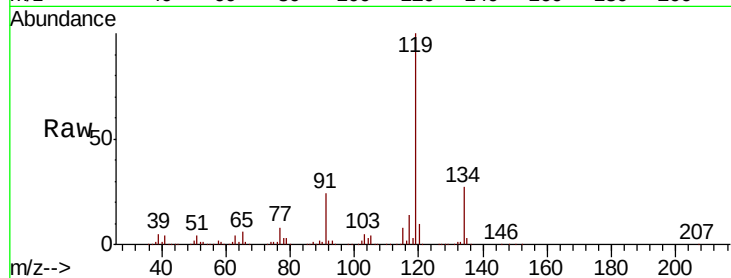
VSTDCCC010EC

Tot Ion:	119	Resp:	493191
Ion Ratio	Lower	Upper	
119	100		
134	26.4	20.9	31.3
91	23.8	18.2	27.2

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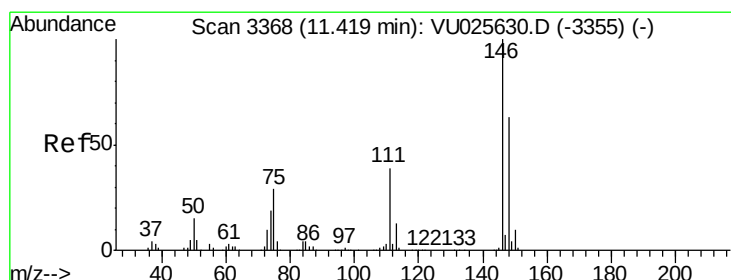
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#82

1,3-Dichlorobenzene

Concen: 10.071 ug/l

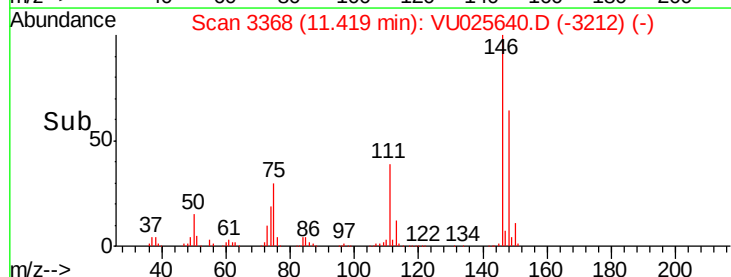
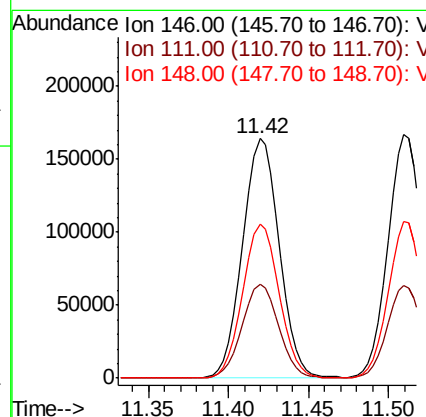
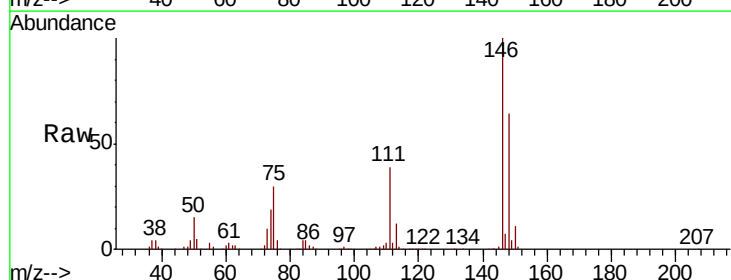
RT: 11.42 min Scan# 3368

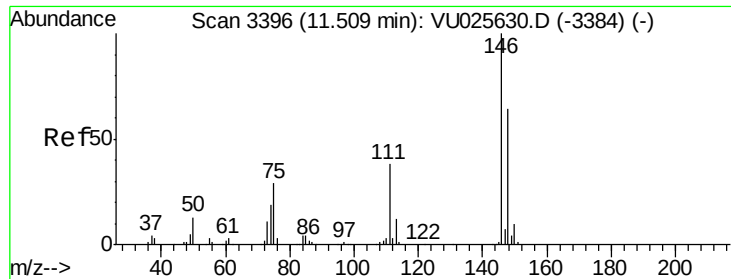
Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Tgt Ion:	146	Resp:	256114
Ion Ratio	Lower	Upper	
146	100		
111	39.1	31.8	47.6
148	63.9	51.0	76.4





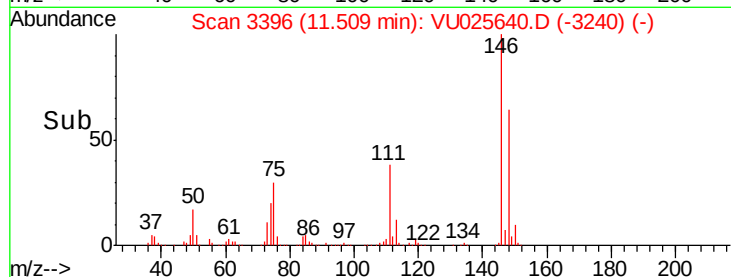
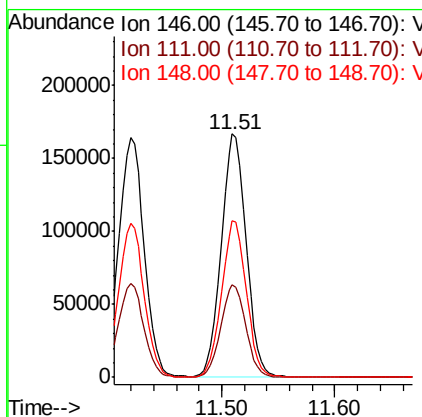
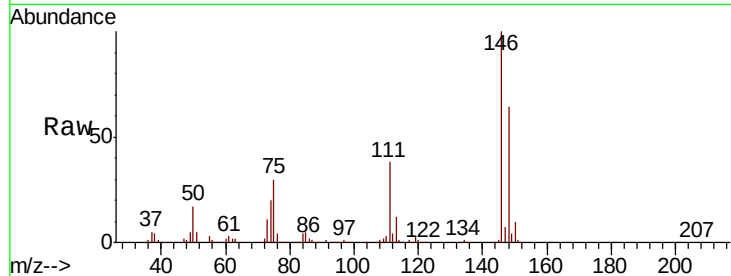
#83
 1,4-Dichlorobenzene
 Concen: 10.335 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	30.1	45.1
148	63.9	50.6	76.0

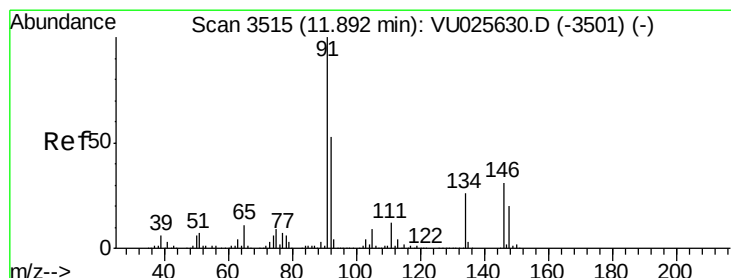
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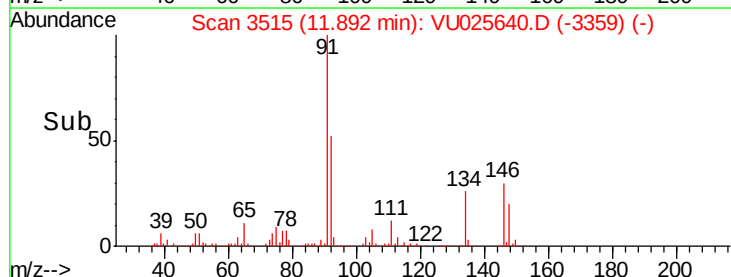
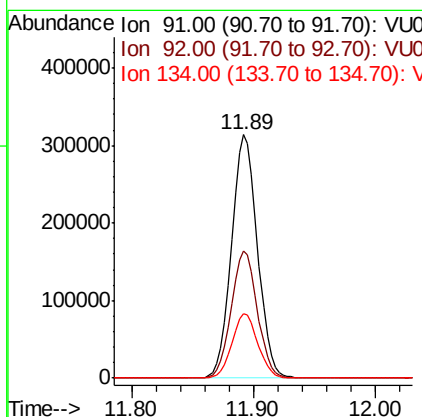
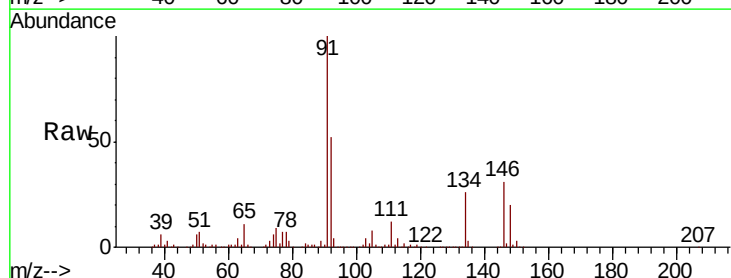
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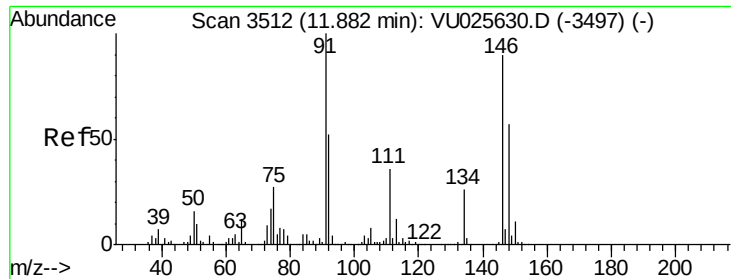
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#84
 n-Butylbenzene
 Concen: 10.817 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.6	42.2	63.2
134	26.5	20.3	30.5





#85

1,2-Dichlorobenzene

Concen: 10.226 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Instrument :

MSVOA_U

ClientSampled :

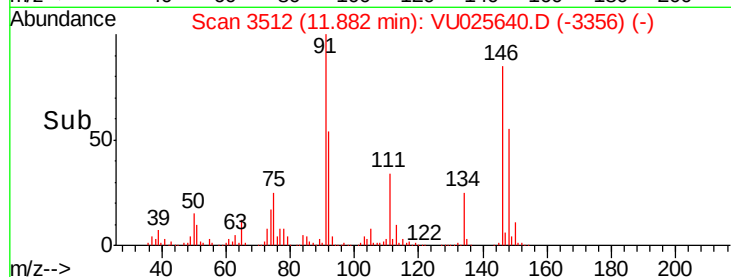
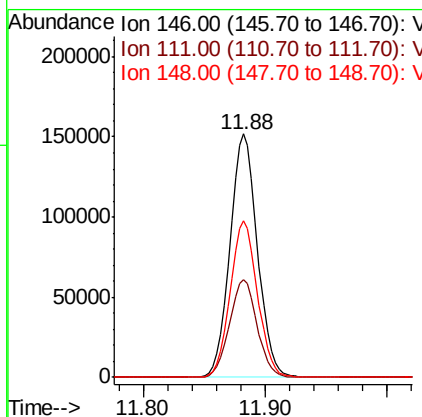
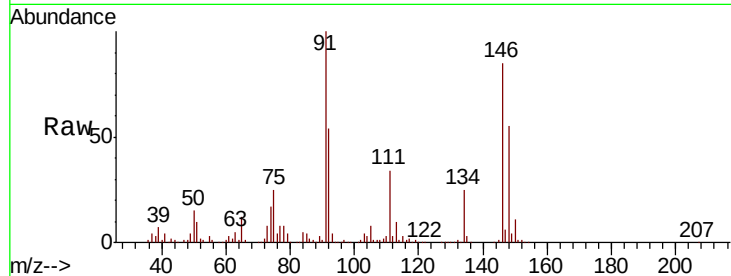
VSTDCCC010EC

Tot Ion:	146	Resp:	237464
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.7	62.1
148	63.7	31.9	95.5

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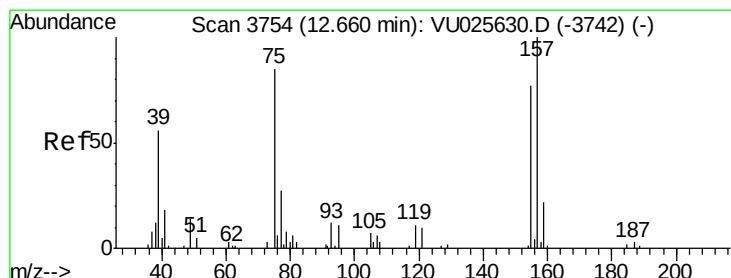
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#86

1,2-Dibromo-3-Chloropropane

Concen: 10.666 ug/l

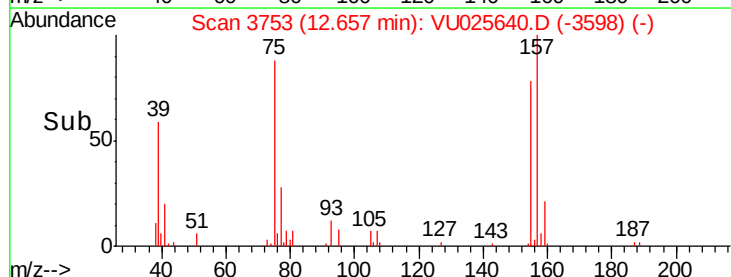
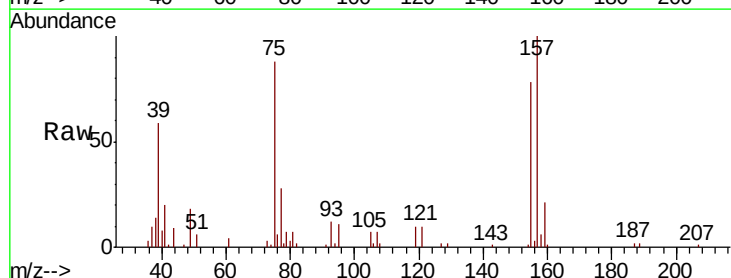
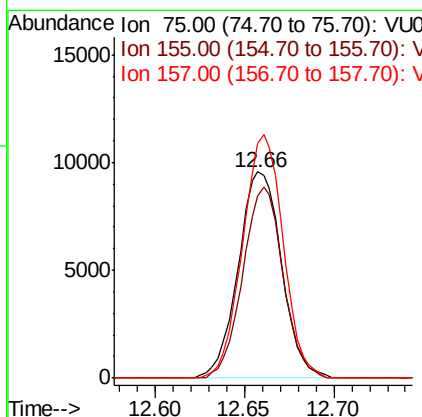
RT: 12.66 min Scan# 3753

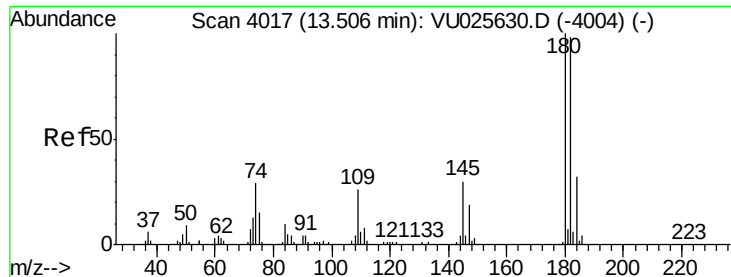
Delta R.T. -0.00 min

Lab File: VU025640.D

Acq: 25 Jul 2018 19:05

Tgt Ion:	75	Resp:	16162
Ion Ratio	Lower	Upper	
75	100		
155	86.1	65.8	98.6
157	110.9	83.5	125.3





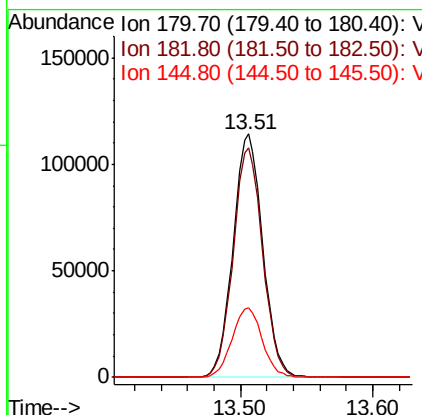
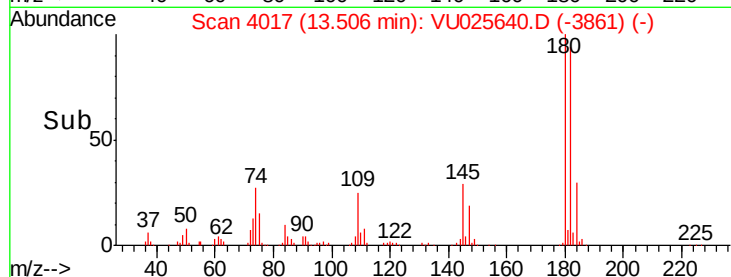
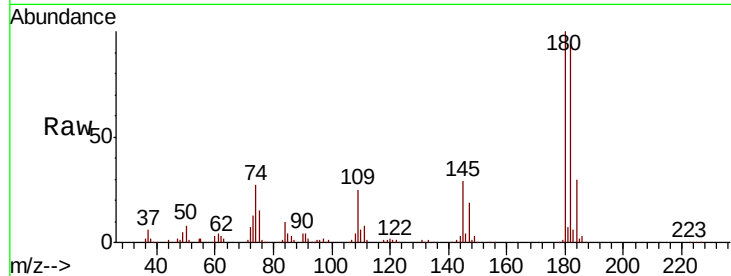
#87
 1,2,4-Trichlorobenzene
 Concen: 10.967 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.1	115.7
145	29.1	23.3	34.9

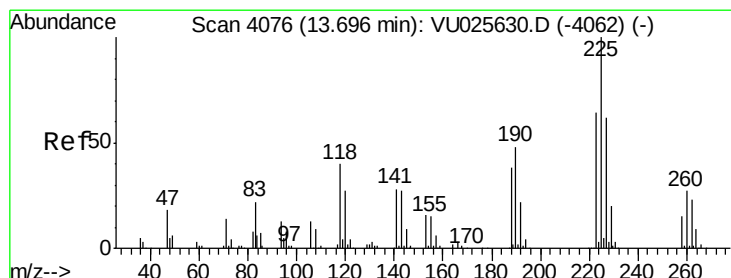
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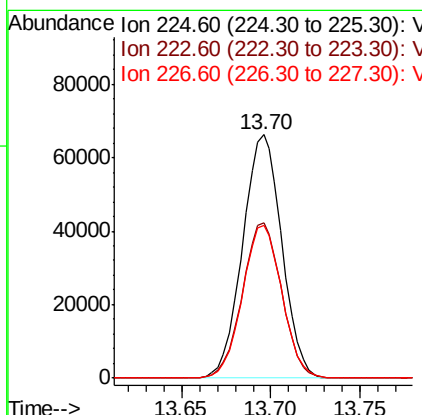
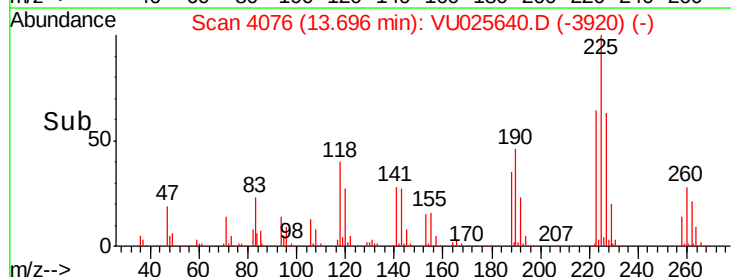
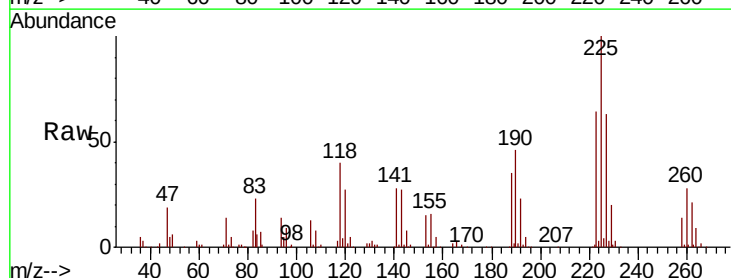
apatel

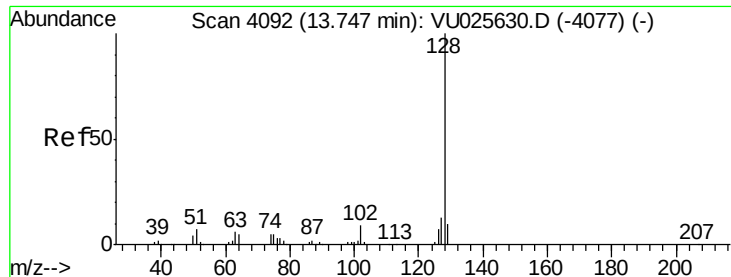
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#88
 Hexachlorobutadiene
 Concen: 10.261 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. 0.00 min
 Lab File: VU025640.D
 Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	75.8
227	62.9	51.8	77.6





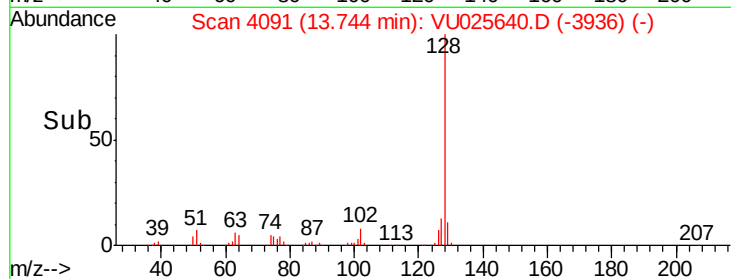
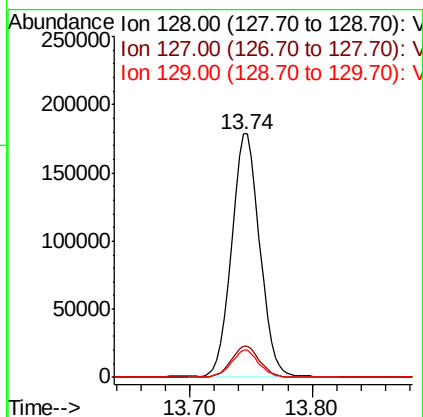
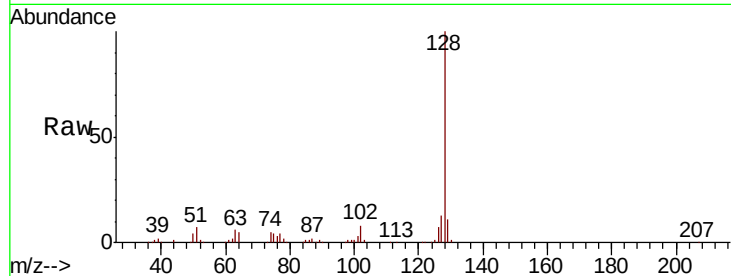
#89
Naphthalene
Concen: 10.979 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. -0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	288138		
127	12.9	10.5	15.7	
129	10.9	8.7	13.1	

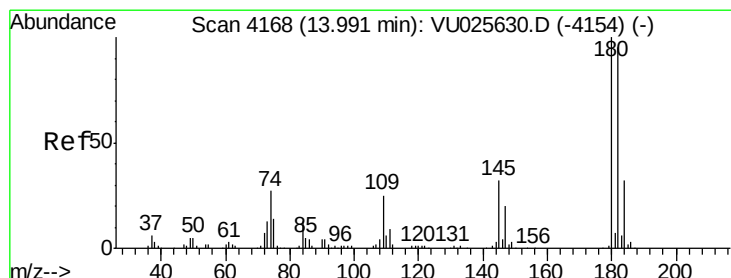
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#90
1,2,3-Trichlorobenzene
Concen: 10.797 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025640.D
Acq: 25 Jul 2018 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	159528		
182	95.2	76.8	115.2	
145	30.9	24.6	36.8	

